

You Save More than the Merchant's Profit when you send your Order to US.

1917

We Safeguard the Future of Our Business by Selling Dependable Goods.

# SPRING AND SUMMER SALE CATALOG

Gasoline Engines Cream Separators Wire Fencing Harness  
Farm Implements Fanning Mills Thresher's Supplies Hardware

**THE HIGHEST GRADE OF FARM SUPPLIES SOLD DIRECT TO THE FARMER**

In ordering use both this SALE CATALOG and our GENERAL CATALOG. Prices shown here are our latest revised prices on these goods. For other goods not listed here use prices given in GENERAL CATALOG

The Prices quoted in this Catalogue will be found so much lower than the prices generally quoted elsewhere, that the saving effected by buying from us this year will be greater than ever.

We strongly advise you to place your order for your Spring and Summer requirements now, even though you may not need the goods until a later date, as the markets are steadily advancing, and we want you to get your share of these money-saving items.

*This Diploma was awarded us for the Highest Number of Points scored in a Gasoline Engine competition open to the world, held at Winnipeg. This Diploma is a proof of the superiority of our merchandise.*

*Why experiment with untried engines or farm supplies? Buy from Judson and be sure.*



*We have just the same quality in our Cream Separator, in our Wire Fencing, in our Plows, in our Harness, and in our Hardware---The Best Procurable.*

*We never make a statement regarding the quality of our goods that we are not prepared to prove, in actual comparison or competition.*

**WE HAVE BUILT UP THE LARGEST BUSINESS OF ITS KIND IN CANADA—ON THIS IDEA**

Mail Order Houses have always been conceded to be able to offer lower prices than retail dealers can even approximate. The C. S. JUDSON CO., from the beginning, have built their business on the idea that these mail order prices should be extended to Merchandise of Quality—not cheap, ordinary merchandise, sold at a price, but the best merchandise only—the finest—and yet sold at the low price which selling direct permits. This is what won for us trade immediately. The Diploma proves to you that we have lived up to this idea; it proves to you that the foundation of this business is built on quality.

No other mail order house in Canada has ever attempted to duplicate our Quality or our Price.

When you buy from The C. S. JUDSON CO. you buy from a firm which applies its entire staff and equipment to giving The Farmer Real Service in this one line of business. It stands to reason that such a firm, specializing in Gasoline Engines, Farm Supplies, Harness and Hardware, can study your exact requirements better, buy cheaper, and fill your orders more promptly and with fewer errors than firms spreading their efforts over merchandise generally.

**THERE ARE PRICES QUOTED HERE AT ONE-HALF THEIR REGULAR VALUES**

## Your Protection

### Our Buy-back Money Saving Guarantee

We agree to buy back from you at our full purchase price any article that is illustrated and described in this catalogue that you may have purchased from us that is not the superior in quality and design and lower in price than any similar article sold by any other firm in Canada.

**Send Us  
Your Order  
To-Day**

**You Cannot  
afford to deal  
Elsewhere**

No matter how far away you live, we guarantee to Save You Money—even after all freight is paid.—Include in your order anything in our line. We will give prompt shipment, with satisfaction guaranteed or your money refunded.

**C. S. JUDSON CO., LIMITED**

WINNIPEG

FROM FACTORY TO FARMER

CANADA

When in Winnipeg Call and See Us. Cor. LOGAN and SHERBROOKE STREETS

# THE MOST Satisfactory Small Engine Made

Solve Your Labor Problem—With a "Judson Handy Boy" at the same Old Prices

THE ONLY SMALL ENGINE SOLD WITH 2-PULLEY ATTACHMENTS COMPLETE

## What The Judson Handy Boy Engine Will do

Our 1½-Horse Power Gasoline Engine is high grade in every respect, water cooled, and we guarantee it to be equal to most 2-horse power gasoline engines on the market.

Particularly adapted for running light machines, such as the cream separator, churn, washing machine, grindstone, fanning mill, small feed cutter, for pumping water or running a line shaft with two or three of these machines attached.

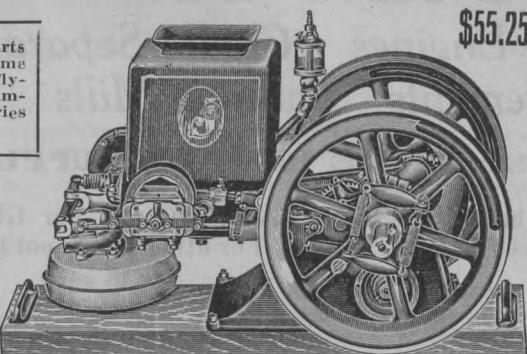
An Engine for the home, shop, factory or farm; simple, durable, economical, easy to start. At prices quoted engines are complete, all ready to run. A book of instructions is sent with each engine, telling how to start and take care of it, and we guarantee you satisfactory service.

No. 2C7—Handy Boy 1½ Horse Power Magneto, equipped with speed reducing gear and pulleys. Weight, 325 lbs. Price \$55.25

No. 2C8—Handy Boy 1½ Horse Power Battery Ignition, equipped with speed reducing gear and pulleys. Weight, 320 lbs. Price \$47.50

The magneto starts the engine every time on one turn of the flywheel, winter or summer. No batteries needed.

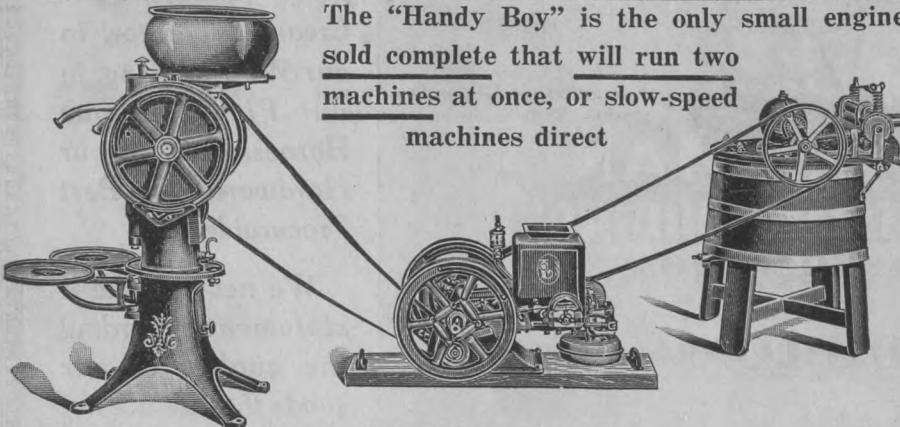
We furnish a speed regulator on this engine, which gives a wide range in speed without stopping the engine.



\$55.25

This little wonder worker is always ready to do all the back-breaking chores. It is so easy just to feed it with a little fuel, turn the wheel and watch it do the heavy part of the work, while you simply do the directing. It will save the cost of a hired man entirely.

The "Handy Boy" is the only small engine sold complete that will run two machines at once, or slow-speed machines direct



## THE FARMER'S FRIEND

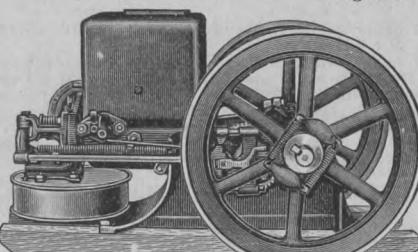
**\$35.00** Complete with Batteries

**1 H.P. \$45.75**

Complete with Self Starting Magneto

Satisfaction Guaranteed

Complete with oil, oil cups, wrench, starting crank and directions. R.P.M. 550. Pulley 5-in. dia.



No. 2C25—1-H.P. PUMPING OUTFIT, with Magneto No. 0, Pump Jack and Belt ..... \$51.00

An engine that will develop as much h.p. as most 1½ h.p. engines that are now on the market.

An engine to run the washing machine, pump, grindstone or Duplex tool grinders; will give years of satisfactory service. More horse power at a lower cost for washing machines than any outfit now offered to the farmer.

## Power Tool Grinding Outfit for Small Engines

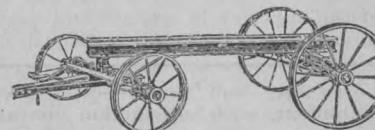


\$11.50

No. 2C10—Every farmer needs this Tool Grinder. Pays for itself in one sharpening of discs, plow shares, axes, or other arm edge tools. Can be run with any engine from 1 H.P. up or from line shaft. This is a real good grinder. Weighs 65 lbs. Stand is not included at our prices. Complete, with one coarse and 1 fine wheel, 8-in. diam. x 1¼-in. face and disc holder attachment. Price \$11.50 extra.

## All-steel Hand Truck for Small Farm Engines

**\$6.50**



No. 2C9—All Steel Hand Truck for all small gas engines; or can be used for other farm purposes.

No. 1—For 1 or 1½ H.P. Engines \$6.50

No. 2—For 2½ up to 3½ H.P. Engines \$10.00

Note—Our prices include Channel Iron Frame.

**\$11.50**

From \$6.50  
To - \$14.25

FOR ANY DEPTH OF WELL UP TO 350 FEET

With quick-change head and adjustable foot rest

No. 2—All Steel, Double Geared, Heavy Jack; steel pitmans. This is the Jack recommended for wells up to 200 ft., and is the most serviceable Jack made. Practically indestructible. Our price saves you money. Shipping weight, 125 lbs.

**Price - \$9.75**

No. 0—Double Geared Pump Jack with wood pitmans. A serviceable Jack and warranted superior to any Jack sold by other mail order houses. Suitable for wells to depth of 75 feet. This Jack has not the adjustable foot rest. Weight, 85 lbs. Our price only

**\$6.50**

No. 3—A 11 Steel, Compound Triple Geared Pump Jack—made entirely of steel and iron, including pitmans; suitable for wells to a depth of 350 feet. Weight, 225 lbs. Our price only

**\$14.25**

# Big Value $2\frac{1}{2}$ H.P. Magneto Equipped Gasoline Engine, with 6x4 Pulley, Speed 500 RPM \$68.50

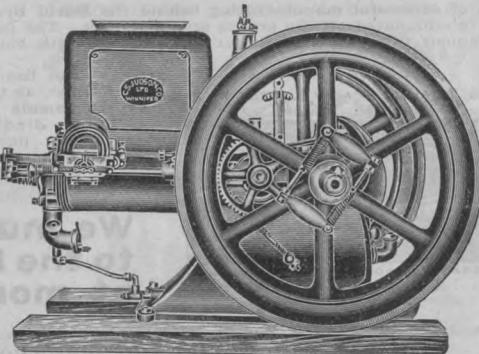
## WHAT THE JUDSON 2½-HORSE POWER ENGINE WILL DO

Our 2½-Horse Power Engine is just the size you want for running light machinery, such as 10-inch feed cutters, 4 to 6-inch feed grinders, grindstone, cream separator, washing machine, churn, fanning mill, bone and vegetable cutter, 18 to 20-inch cut-off saw, sheep shearing machines, small lathes, drill presses, for running the pump, electric light plant, pneumatic water system, etc., or it can be connected to a line shaft and run several of these machines all at the same time at a great saving in cost and fuel. — We guarantee every Judson Engine to always give you the service you have a right to expect. — Try one at your own work for as long as you want, if you are not satisfied that it is the best engine, regardless of price or make, we will take it back and return your money together with freight charges.

No. 2C12—2½-Horse Power, Magneto Equipped Gasoline \$68.50  
Engine, with 6x4 pulley. Weight, 450 lbs. Price .....

No. 2C13—2½ H.P. Feed Grinding Outfit. This Outfit consists of a 2½-Horse Power Magneto Gasoline Engine with 14x4-inch pulley and 6x4-in. pulley; a No. 5 Duplex Feed Grinder, and 15 feet of 3-inch belt. Shipped complete \$87.50  
Shipping weight, 720 lbs. Price .....

JUDSON ENGINES DELIVER MORE HORSE POWER FOR EACH DOLLAR INVESTED THAN ANY OTHER ENGINE OFFERED FOR SALE TO-DAY.



Our Magneto starts the engine every time on one turn of the fly-wheel, winter or summer. No batteries needed.

Note the Solid Iron Base of this Engine.

## No More Washday Drugery

Make life pleasant for the women folks by buying a Canada Power Washing Outfit consisting of Canada Power Washer with Wringer, Belt, and a Judson 1 H.P. Engine all complete.

Sale Price

**\$58.50**

30 Days' Free Home Trial.



The biggest labor-saving device ever invented.

The Canada Power Washer has a reversible, ball-bearing Wringer, five-year guarantee rolls. Will wash and wring at the same time. All gears are closed; no chains to tear the clothes. Size of washer tub, inside measurements, 12 inches deep by 22½ inches diameter. Will wash clothes in a few minutes for the largest families.

Price of Washer only ..... \$22.50

No. 2C872—One Horse Power Washing Outfit, including 1 H.P. Engine, with Battery Ignition, belt and Canada Power Washer, complete, ready to run. Ship. wt., 325 lbs. Price ..... \$58.50

No. 2C874—One Horse Power Washing Outfit, with self starting magneto on engine. Price ..... \$69.25

## "Improved Ideal Duplex Feed Mill." \$16.50

Here is the Grinder for small engines—a real machine. Thousands in daily use. For grinding all kinds of small grains. This is the fastest Grinder on the market for small engines, from 2 to 6 H.P.

No. 5—Horse Power required, 2-4; Pulley, 4-in. diam.; Capacity, 10 to 20 bushels per hour; weight, 100 lbs. Price .....

No. 5½—Same as No. 5, without legs. Price .....

No. 6—H.P. required, 3-6; Pulley, 6-in.; Capacity, 15 to 35 bushels per hour; weight, 150 lbs. Price....\$24.50

Extra Burrs—For No. 5, 1.50 set; for No. 6, \$2.00 set.



## Ajax Root Cutters, \$10.50 and \$12.50



Fitted with roller bearing; makes a very easy running machine. These machines will cut all kinds of roots and vegetables, just right for feeding to cattle, hogs and sheep. They have substantial hard-wood frames, bolted together, and are well painted. Have a large cast cutting disc, with steel reversible knives for slicing or pulping. Have a grate which permits dirt to fall through before reaching the knives.

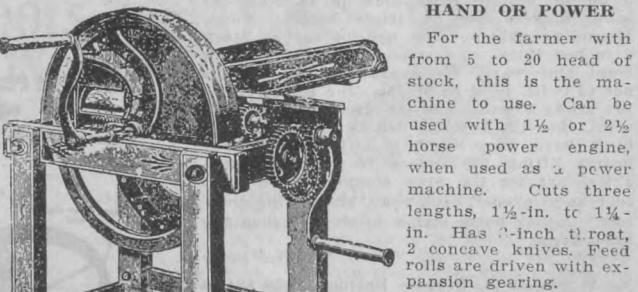
No. 1—Root Cutter, with crank, for Hand power only. Capacity, 30 to 40 bus. per hour. Weight, 125 lbs. Price .....

No. 2—Root Cutter, with crank and 12x3-in. pulley for power. Capacity, 60 to 80 bus. per hour. Weight, 140 lbs. Price .....

\$12.50

## No. 25 Champion Feed Cutter

### HAND OR POWER



For the farmer with from 5 to 20 head of stock, this is the machine to use. Can be used with 1½ or 2½ horse power engine, when used as a power machine. Cuts three lengths, 1½-in. to 1¼-in. Has 3-inch throat, 2 concave knives. Feed rolls are driven with expansion gearing.

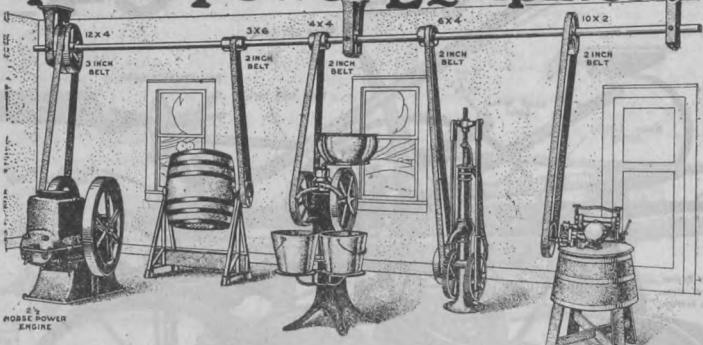
No. 5C244—For Hand or Power, complete with pulley

**\$25.00**

If wanting Blower, add \$10.00 extra.

See General Catalog, Page 24, for full description of Feed Cutters.

## Farm Power Equipment



No. 2C200—Speed Governing Line Shaft, complete with Pulleys, for running Washing Machine, Churn, Cream Separator, and Pulley for Engine; 8 feet long; shipped set up on a plank ready to instal, with friction governing pulley to start or stop independent of the engine. Weight, 150 lbs. Price ..... \$20.00

It is our business to solve your labor problems...Tell us what you want to do, and our experts will tell you how to do it and just what it will cost. It is more economical to run several machines at the same time than to run each one separately.

# DAVID BRADLEY FARM IMPLEMENTS

**The Only Line of High Quality Standard Farm Implements Sold Direct  
FROM FACTORY TO USER**

Over 83 years of successful manufacturing behind the David Bradley Factory. We have eliminated all the profits of middlemen. The farmer now buys these famous farm tools direct, at factory cost, with but one

profit added. Such incomparable quality and values as you will find throughout our line of David Bradley Implements, backed by the absolute protection of our unlimited guarantee, certainly merits your orders.



That is why we sell you the Bradley line of Implements on a guarantee of perfect satisfaction or your money refunded.

**PROMPT SHIPMENT FROM WINNIPEG**

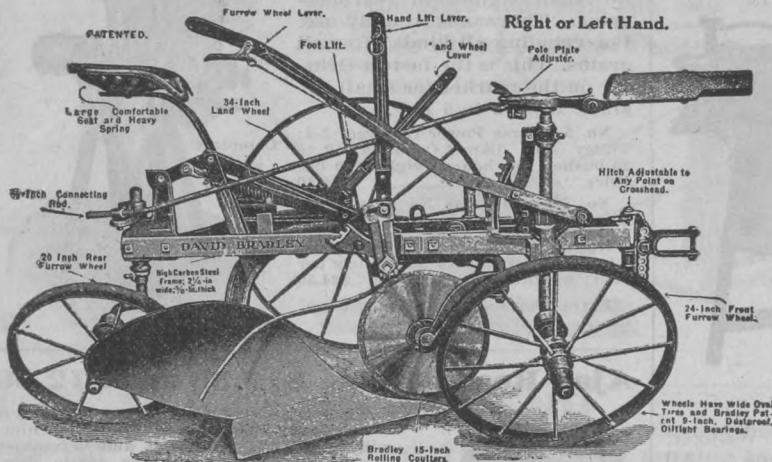
The Bradley Line is not new to the Canadian Farmer, as there are thousands of farmers in Western Canada who can testify to the sterling qualities of the Bradley Implements. We could sell you a cheaper line of plows and implements made by some factory who are ashamed to put their name on goods of doubtful quality, but this is not our policy;

**We must sell goods equal to the best manufactured at money saving prices**

**COMPLETE DIRECTIONS ARE SENT WITH DAVID BRADLEY IMPLEMENTS**

We prepare every shipment in such a manner that setting up is a simple matter for even the most inexperienced. Every part is fitted at the factory, and with the aid of the illustrated directions we furnish, you cannot experience the slightest difficulty either in setting up or operating. We also furnish complete repair lists, which enable you to readily identify every part of the implement, and tell you exactly what to order and how to order any part which might ever be needed.

## Bradley X Ray No. 2 Frame Hitch Sulky Plow \$52<sup>50</sup>



### High Lift Light Draft Easy to Handle

This plow contains every good feature a Riding Plow can possibly have. Frame is wide and made of extra heavy high carbon steel,  $\frac{1}{2}$ -inch thick. Wheels are high, giving a clearance to the frame of 23 inches from the bottom of the plow. Plow is very light draft. By a slight pressure on the foot lever the driver can easily lift plow out of the ground without any trouble.

In any ground this is one of the best plows that can possibly be used. There is absolutely no side motion to the beam, it being held in place by a heavy bail. Levers are conveniently located so as to operate easy from the side.

The plow bottom furnished with these plows is the famous Garden City, Clipper. They successfully meet the various conditions of the soil throughout the West. Prices are for the Plows, complete, with three-horse hitch, pole, neckyoke, 15-inch rolling coulter, weed hook and wrench.

No. 3C227—14-inch Stubble Bottom, weight 555 lbs. Price... \$52.50  
No. 3C230—16-inch Stubble Bottom, weight 560 lbs. Price... 54.50

14-inch Extra Prairie Breaker, Bottom only ..... 15.20  
16-inch Extra Prairie Breaker, Bottom only ..... 16.75

Extra Shares, 14-inch, soft centre, each ..... 3.50  
Extra Shares, 16-inch, soft centre, each ..... 3.75

## Bradley No. 6 Gang Plow---THE PLOW WITHOUT SIDE DRAFT OUR FACTORY TO FARM PRICE ON THE QUALITY PLOW

The No. 6 Gang Plow, for durability, ease of handling, light draft, and capacity for all kinds of work cannot be excelled. It has several features which are covered by patents that are not found on any other plows. Bottoms are connected with the plow frame by two heavy bails. The frame is extra heavy high carbon steel. The heaviest frame used on a double bottom gang plow is as heavy as some makers use on triple bottom plows. Beams are heavy, first quality carbon steel, 2 inches thick, and strongly braced at both front and rear. We guarantee these beams not to twist, bend or break. The Bradley foot lift works so easy, and its leverage is so powerful, that the bottoms can be easily handled by a boy. The No. 6 is a high lift plow, beams lifting  $5\frac{1}{2}$  inches from the ground. Prices are for the plow complete with pole, four-horse evener, neck yoke, and rolling coulters. A five-horse string hitch furnished for \$2.00 extra.

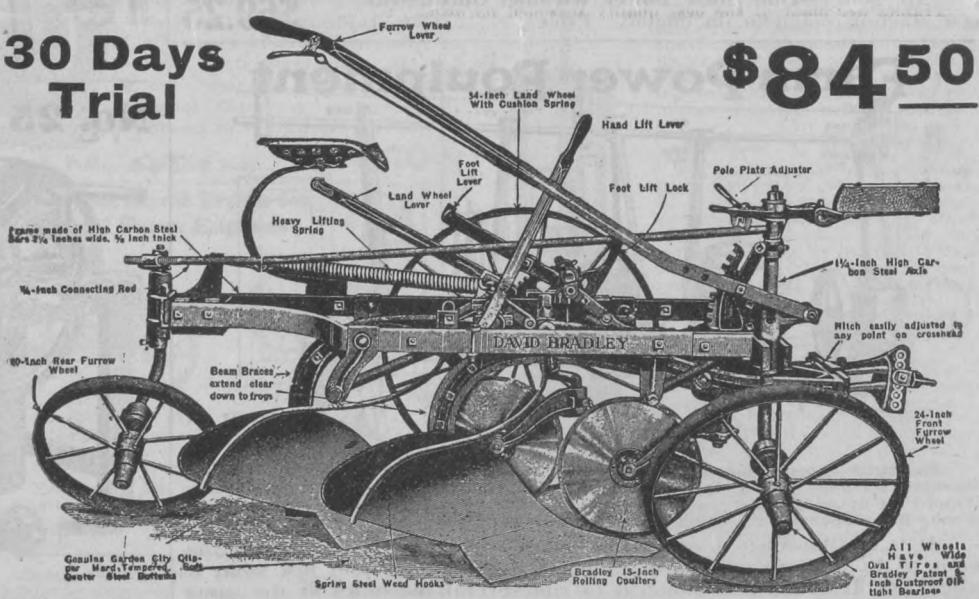
Wt., lbs. Price

No. 3C280—12-in. Stubble Bottom.... 830 \$84.50  
No. 3C282—14-in. Stubble Bottom.... 842 87.50  
No. 3C289—12-in. Prairie Breaker.... 850 88.50  
No. 3C290—14-in. Prairie Breaker.... 865 89.50

Extra Shares—

12-in., soft centre, each ..... \$3.25  
14-in., soft centre, each ..... 3.50

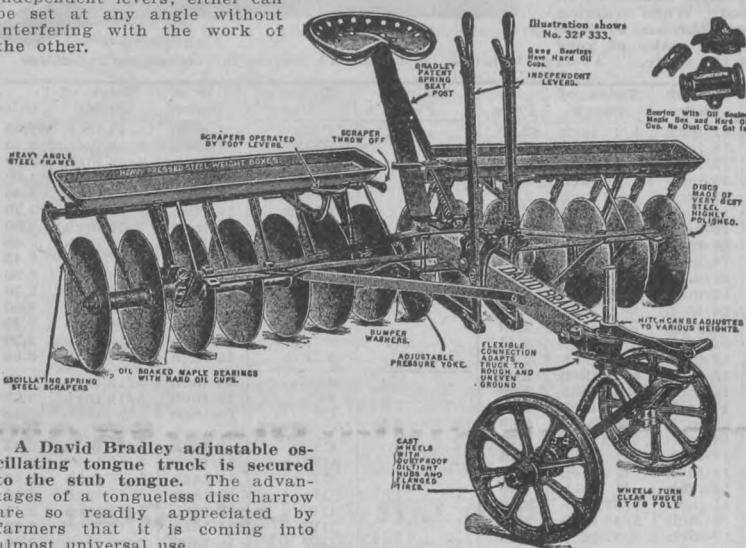
### 30 Days Trial



**\$84 50**

## Bradley Ideal Tongueless Disc Harrows

These machines possess very important improvements in disc harrow construction, many of which are found in no other harrow, and we guarantee them to be unusually strong and perfect working implements. The frame is made of heavy steel throughout. It is rightly braced in all direction. The gangs have bumper washers on their inner ends. They are flexible and are operated by independent levers; either can be set at any angle without interfering with the work of the other.

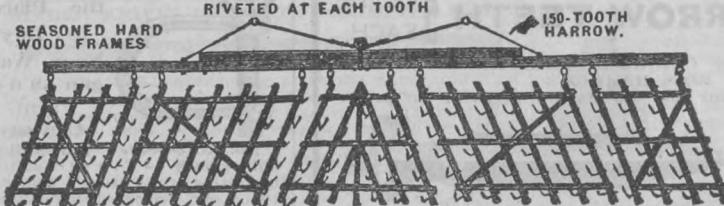


A David Bradley adjustable oscillating tongue truck is secured to the stub tongue. The advantages of a tongueless disc harrow are so readily appreciated by farmers that it is coming into almost universal use.

Buy this harrow and you will have as satisfactory and up to date disc harrow as you could purchase at any price; a machine which does perfectly uniform work, relieves your horses of worry and neck weight and makes it possible for you to work clear out to the edge of plowed ground, close to fences, and to turn corners easily. The tongue truck can be easily detached and used on numerous other implements. A forward pole can be used on the truck if desired. This will add no neck weight; merely serves to better control the team. If you wish us to furnish a pole with the harrow, we will do so for \$3.00 extra. Prices are for the disc harrows complete with eveners, scrapers, weight boxes and tongue truck. We furnish a three-horse hitch with harrows having twelve discs, a four-horse hitch with harrows having fourteen or sixteen discs, and a five-horse hitch harrows having twenty discs.

No. 3C301—12 16-in. discs, cuts 6 feet, weight 490 lbs. Price.....\$43.50  
 No. 3C302—14 16-in. discs, cuts 7 feet, weight 535 lbs. Price.....47.00  
 No. 3C303—16 16-in. discs, cuts 8 feet, weight 750 lbs. Price.....48.50  
 No. 3C304—20 16-in. discs, cuts 10 feet, weight 750 lbs. Price.....55.75

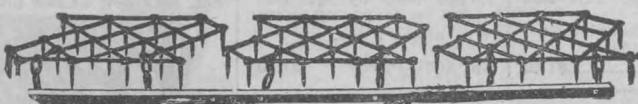
## David Bradley Wood Boss Harrows



Frames are made of the best quality seasoned hardwood, strongly riveted at each tooth and firmly braced. All wood parts are well painted with a first quality oil paint, which serves as a great protection against action of the weather and increases the life of the harrow. Others offer harrows made of cheap grades of lumber, painted with low grade mineral paint, and in many other ways inferior. Do not be misled; insist upon getting a harrow of quality equal to the Bradley; one made of the best quality of timber. Teeth are  $\frac{1}{2}$ -inch square. Sections are independently connected to drawbar with drop link clevises, allowing flexibility. The 102-tooth harrow cuts  $16\frac{1}{2}$  feet, has one center and two side sections, and a three-horse drawbar; the 150-tooth harrow cuts 26 feet, has one centre, two wide and two narrow side sections, and a four-horse drawbar which is fitted with a sheave pulley and roller draft equalizer.

No. 3C305—102-Tooth Three Section Boss Harrow, weight 245 lbs. Price....\$16.25  
 No. 3C306—150-Tooth Three Section Boss Harrow, weight 350 lbs. Price....22.50

## Channel Steel Harrows---\$ 10.50



Made of channel steel; a very popular harrow. Teeth are 9-16 in. square, threaded and nutted on top and are removable; are standard length, guaranteed. As good harrow of its kind as you can buy; each section has 20 teeth and cuts about 3 feet wide. Drawbars furnished with all harrows except the one section; the 6 sections has 4-horse drawbar which is fitted with sheave pulley and roller equalizer, same as Wood Boss Harrow.

No. 3C307—20-Tooth One Section Steel Harrow, 52 lbs. Price.....\$ 3.25  
 No. 3C308—60-Tooth Three Section Steel Harrow, 185 lbs. Price.....10.50  
 No. 3C309—80-Tooth Four Section Steel Harrow, 230 lbs. Price.....15.00  
 No. 3C310—100-Tooth Five Section Steel Harrow, 300 lbs. Price.....18.50  
 No. 3C311—120-Tooth Six Section Steel Harrow, 380 lbs. Price.....23.50

## THE BEST LINE OF GARDEN TOOLS

### at Factory to Farmer Prices

NO. 1 VICTOR ALL STEEL ONE-HORSE CULTIVATOR  
WITH DOUBLE WHEEL AND DOUBLE LEVERS



Most Complete Cultivator Made

No. 3C1—With compound lever expander, by means of which width of cultivator can be adjusted from 10 to 26 inches. Teeth can be entirely raised out of ground for transportation from field to field. Equipped with lever wheel, rear depth regulating wheel; the lever wheel enables operator to change cutting depth in a minute. Has five 3-in. hoes and short hillers. The short hillers can be turned all the way around and set at different angles. This is the most complete cultivator made, thousands are in use, giving perfect satisfaction. Weight, 90 lbs. Special Sale Price.....\$7.50



No. 2 VICTOR ALL STEEL CULTIVATOR  
Single Wheel, Single Lever.



No. 3C2—Victor Cultivator, complete, with five 3-inch hoes and short hillers. The cheapest high-grade lever cultivator on the market. Weight, 65 lbs. Our Price only.....\$5.75

**\$10.00 VICTOR Combined Hill and Drill Seeder, Cultivator, Hoe and Plow**



A STRICTLY HIGH GRADE ARTICLE.

An outfit that will please and give excellent satisfaction. The feed, while simple, handles a very large variety of seeds, getting an even distribution that is unequalled and very satisfactory in sowing salsify, parsnip, bricky spinach, wrinkled pea, beet, etc., getting an even row with light seeding. The feed will also handle phosphates, which can be sown before or after seeding.—Has angle steel frame with hill drapper. Agitator and cultivator are of malleable iron, giving lightness with strength. Hill Dropper will deposit seeds in compact hills, 9, 12, 18 or 36 inches apart. Has shoe opener for onion and shallow-sown seeds, and point opener for deep sowing. Both deposit the seed in a narrow line, allowing close cultivation, thus saving hand labor. The handles are adjustable to height of operator. The wheels can be raised or lowered, for deep or shallow cultivation. The cultivator attachments are: 5 teeth, 2 hoes, and right plow.

No. 3C4—Combined Hill and Drill Seeder, Single and Double Wheel Cultivator, Hoe and Plow. Weight, 70 lbs. Price.....\$10.00

## C. S. JUDSON CO., LIMITED—SPECIAL SALE CATALOG

## SAVE MONEY ON FINISHED PLOW SHARES, FITTED AND BOLTED

For All The Leading Makes of Plows—Prompt Shipment Guaranteed on All Sizes Listed Below  
WE WILL REPLACE ANY SHARES THAT PROVE DEFECTIVE.

We carry on hand the most extensive and diversified stock of Finished Fitted Plow Shares  
carried in the Northwest. ORDER NOW.

**\$2.45**



Note Reinforced Landside.  
prow and the exact figures and letters which appear on the back of your old share.

EVERY SHARE A PERFECT SHARE. ORDER NOW.

**\$2.45**



Guaranteed to fit the plow for which they are intended as perfectly as the originals, and to be as finely made and finished as durable.

No. 3C1—Right hand Shares to fit plows only as listed. When ordering give our catalog number, size of share wanted, the name or make of your

Average weights, 12, 14 and 16 pounds for corresponding sizes.

Make of Plow	Marks on Share	Size of Share	Thick. of Share	Price	Make of Plow	Marks on Share	Size of Share	Thick. of Share	Price	Make of Plow	Marks on Share	Size of Share	Thick. of Share	Price
Canton Or P. and O.	42	14-inch	5/16 inch	\$2.70	Deere	D152	12-inch	5/16 inch	\$2.45	Massey- Harris or Verity	P332	12-inch	9/32 inch	\$2.45
	54	16-inch	1/4 inch	2.90		D157	14-inch	5/16 inch	2.70		P333	12-inch	9/32 inch	2.45
	112	14-inch	1/4 inch	2.70		D161	13-inch	5/16 inch	2.60		P334	14-inch	9/32 inch	2.70
	264	12-inch	1/4 inch	2.45		D162	16-inch	5/16 inch	2.70		P335	14-inch	9/32 inch	2.70
	266	14-inch	5/16 inch	2.70		D164	12-inch	5/16 inch	2.45		P1421	12-inch	1/4 inch	2.45
	268	16-inch	9/32 inch	2.90		D165	14-inch	5/16 inch	2.70		P1422	14-inch	1/4 inch	2.70
	294	14-inch	1/4 inch	2.70		D166	16-inch	5/16 inch	2.90		P1668	15-inch	9/32 inch	2.80
	324	12-inch	9/32 inch	2.45		D205	14-inch	3/8 inch	2.75		P2914	12-inch	5/16 inch	2.45
	326	14-inch	1/4 inch	2.70		D207	14-inch	3/8 inch	2.75		P5077	12-inch	1/4 inch	2.45
	328	16-inch	5/16 inch	2.90		215	12-inch	5/16 inch	2.45		P5081	16-inch	5/16 inch	2.90
	334	14-inch	5/16 inch	2.70		216	13-inch	5/16 inch	2.70		P5083	14-inch	5/16 inch	2.70
	336	16-inch	5/16 inch	2.90		217	14-inch	5/16 inch	2.70		P5084	16-inch	5/16 inch	2.90
	340	14-inch	3/8 inch	2.75		218	16-inch	5/16 inch	2.90		P7145	12-inch	5/16 inch	2.45
						231	12-inch	5/16 inch	2.45		P7147	14-inch	5/16 inch	2.70
						232	14-inch	5/16 inch	2.70		P7155	16-inch	5/16 inch	2.90
Case	ADL	12-inch	5/16 inch	2.45						Moline	44	14-inch	5/16 inch	2.70
	ADL	14-inch	5/16 inch	2.75		233	16-inch	5/16 inch	2.90		45	16-inch	5/16 inch	2.90
	ADL	16-inch	5/16 inch	2.90		242	16-inch	5/16 inch	2.90		C1	14-inch	1/4 inch	2.70
	EM	16-inch	1/4 inch	2.90		DBF	14-inch	5/16 inch	2.70		C10	16-inch	1/4 inch	2.90
	SGHL	12-inch	5/16 inch	2.45		DBG	16-inch	5/16 inch	2.90		CY	12-inch	5/16 inch	2.45
	SGHL	14-inch	5/16 inch	2.75		P33H	14-inch	5/16 inch	2.70		CY	14-inch	5/16 inch	2.70
Cockshutt	BS	16-inch	1/4 inch	2.90		PE	12-inch	1/4 inch	2.45		DI	14-inch	5/16 inch	2.70
	GS	12-inch	1/4 inch	2.45		PF	14-inch	1/4 inch	2.70		DW	12-inch	5/16 inch	2.45
	J2	14-inch	1/4 inch	2.70		PG	16-inch	1/4 inch	2.90		DW	14-inch	5/16 inch	2.70
	JG12	12-inch	9/32 inch	2.40		X41	13-inch	9/32 inch	2.60		DW	16-inch	5/16 inch	2.90
	JG12H	12-inch	3/8 inch	2.45		X42	14-inch	5/16 inch	2.70		FC1	14-inch	9/32 inch	2.70
	JG14	14-inch	1/4 inch	2.65		X41	12-inch	9/32 inch	2.45		FD1	14-inch	5/16 inch	2.70
	JG14H	14-inch	3/8 inch	2.70		P12-2	12-inch	1/4 inch	2.45		FD11	16-inch	5/16 inch	2.90
	JGS	14-inch	1/4 inch	2.70		P16-10	16-inch	5/16 inch	2.90		FD18	18-inch	5/16 inch	3.10
	JGSH	14-inch	5/16 inch	2.75		P14-2	14-inch	5/16 inch	2.70		FSD1	12-inch	5/16 inch	2.40
	L16	16-inch	9/32 inch	2.90		P14-4	14-inch	5/16 inch	2.70		H114	14-inch	1/4 inch	2.70
Deere	SP27	14-inch	3/8 inch	2.75		RN	12-inch	5/16 inch	2.45		W	12-inch	5/16 inch	2.45
	SP90	14-inch	5/16 inch	2.70		RN	13-inch	5/16 inch	2.60		W	14-inch	5/16 inch	2.70
	SP220	14-inch	7/16 inch	3.10		RN	14-inch	5/16 inch	2.70		W	16-inch	5/16 inch	2.90
	SGSX	12-inch	9/32 inch	2.45		RN	16-inch	5/16 inch	2.95		Y	12-inch	3/4 inch	2.45
	D31	12-inch	5/16 inch	2.45		UR	12-inch	5/16 inch	2.45		Y	14-inch	3/4 inch	2.70
	D31H	12-inch	5/16 inch	2.45		UR	14-inch	5/16 inch	2.70		Y	16-inch	3/4 inch	2.90
	D33	14-inch	9/32 inch	2.70		UR	16-inch	5/16 inch	2.90		NC23	12-inch	5/16 inch	2.45
	D40	16-inch	5/16 inch	2.90		XR	12-inch	5/16 inch	2.45		NC23	14-inch	5/16 inch	2.70
	D42	14-inch	5/16 inch	2.70		XR	14-inch	5/16 inch	2.70		NC23	16-inch	5/16 inch	2.90
	D44	18-inch	5/16 inch	3.10		XR	16-inch	5/16 inch	2.90		O160	12-inch	5/16 inch	2.45
Fuler & Johnson	D46	16-inch	5/16 inch	2.90							O161	14-inch	5/16 inch	2.70
	D94	14-inch	5/16 inch	2.70							O162	16-inch	5/16 inch	2.90
	D95	16-inch	5/16 inch	2.90										
	D97	12-inch	5/16 inch	2.45										

BUY YOUR YEAR'S REQUIREMENTS NOW  
AND SAVE MONEY

## PLOW BOLTS

PLOW BOLTS	
No. 1	Best quality, standard in size and shape, with forged nuts. No. 1 is Keyhead Pattern; No. 3, Round Head with square shank, 3/8-inch diameter, 1, 1 1/2, 2 and 2 1/2 in. Price, per dozen 25c
No. 3	

## MALLEABLE PLOW PULLEY OR EQUALIZER

85c	
-----	--

For chain or rope, state which in ordering. Ties rope up to 1 1/4 ins. diameter. Has 4-in pulley, 3/8-in. clevis opening, and is 8 inches over all. Weight, about 7 lbs.

No. 5C2317—Price ..... 85c

No. 5C2318—Plow Pulley for chain 90c

## END CLEVISSES

No. 5C2313—Malleable Iron End Clevisses; inside measure, 3/4 inch. Price ..... 7c

PLOW RINGS	
Made of malleable iron, 3/8-inch diameter, 3 inches long, 1 1/8 ins. wide inside. Weight, 3/4 lbs.	
No. 5C2315.—Price ..... 7c	

## DRILL COVERING CHAINS

To fit grain drills, 3 links as illustrated.  
No. 5C11—Price ..... 25c

## 5 CENTS EACH STEEL HARROW TEETH 5 CENTS EACH

WILL FIT ALL MAKES OF CHANNEL STEEL HARROWS AND WOOD BOSS HARROWS

IT WILL NOT PAY YOU TO REPOINT YOUR OLD HARROW TEETH AT OUR PRICE.

No. 3C12—High Carbon Steel Harrow Teeth, as illustrated, will fit all makes of steel harrows. Length of teeth, 6 1/2 and 7 inches, 9/16 inch square, 1/2-inch round shanks. Be sure and state length wanted when ordering. Price, each ..... 5c

No. 3C12—Wood Boss Harrow Teeth, 8 inches long, pointed; 1/2 inch square. Price, each ..... 5c

100 assorted Spring Cotters. 25c

100 Carriage Bolts in Assorted Sizes. \$1.00

50 Assorted Machine Bolts. \$1.00

Assortment of 10 lengths and sizes from 2 to 5 inches long by 1/4, 5/16 and 3/8-inch diameter. Wt. about 5 lbs.

No. 3C8—Complete assortment of 100 bolts. Price ..... \$1.10

No. 3C7—Price ..... \$1.00

First quality goods. Round heads, square shoulders, deep threads, full size nuts.

No. 3C8—Complete assortment of 100 bolts. Price ..... \$1.10

No. 3C7—Price ..... \$1.00

TESTED CABLE LOG CHAINS.

First quality chains, fitted with heavy grab hook on one end and swivel in centre. Warranted full size. N better chain made.

No. C5164—5-16x14 ft. Log Chain. Weight, 18 lbs. Price, each ..... 1.35

No. C3814—9x14 ft. Log Chain. Weight, 22 lbs. Price, each ..... 1.50

No. C3816—9x16 ft. Log Chain. Weight, 25 lbs. Price, each ..... 1.65

Here is the Place to Buy Your Wagon and Farm Clevises

No. 3C13—Screw Pin Malleable Clevis—first quality malleable iron; usually sold at twice our prices. Price, each ..... 1.15  
Length, 4 1/2 in. 6 in. 7 in. 8 in.  
Width, 2 in. 2 1/2 in. 2 1/2 in. 2 1/2 in.  
Each, 10c 13c 16c 18c

McPhail's Drop Hook Pattern Single Tree for Agricultural Implements

5 Cents Each

No. 3C14—Extra heavy 1 1/4-inch ferrule. Price each ..... 5c  
Special price, per doz ..... 55c

You need this BIG BARGAIN Set. Buy now at our low price.

High quality drop forged steel.

Takes nuts on all size bolts, 3/16 to 5/8-inch. Weight, about 3 pounds.

No. 5C23—Sale price ..... 75c



# Your Chance to Save Money on a High Grade Wagon—Order Early

## REASONS WHY OUR WAGONS TAKE THE LEAD

We Use the Best Bone Dry Hickory Axles and Spokes

Cottonwood Sides in the Box

Double Bottoms Over Both Bolsters

All Gear Woods Dipped in Boiled Linseed Oil Before Ironing

Riveted Rims

Full Length

Bolster Plates

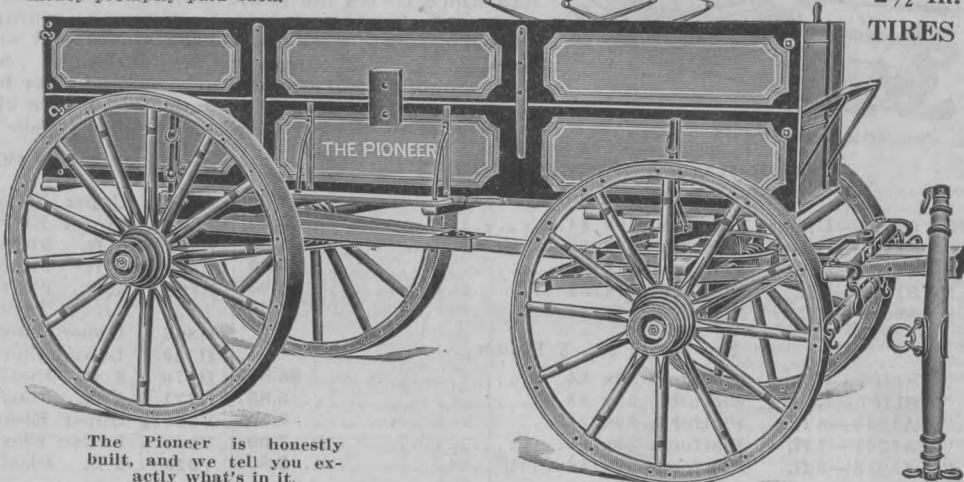
Sand Proof Skeins

We fully realize that the selection of a farm wagon is a big problem with most farmers. It is only natural for you to want the best made and lightest running wagon at the lowest price. After carefully studying the equipment of various wagon factories in order to determine the one best prepared to give the greatest value at the lowest cost, we decided upon the Pioneer Wagon. The factory building these wagons for us is one of the best in this country. It is equipped with all the up-to-date machinery necessary to construct the highest type of wagons at a minimum cost. It employs the most skilled mechanics, men who have been in the industry all their lives. Most of the raw materials used in construction, as well as power, are obtained from the vicinity, again helping to reduce the cost of construction and operation and permitting us to offer the Pioneer at a price that no other factory, less favorably located, could equal.

**Material**—We do not substitute birch hubs, maple axles, such as are to be found in many other wagons. Our axles are made of tough, bone dry hickory, the best that grows. Wheels have tough, oak hubs, hickory spokes and oak rims riveted on both sides of the spokes. Bolsters, hounds and reaches are made of first class oak. All wood gear parts are dipped in boiled linseed oil before being ironed, to close the pores of the wood and prevent the absorption of moisture. The sides of the boxes are made from a seasoned cottonwood, which is lighter and superior in every way to any other material that can be used for this purpose. The bottoms are made of clear, long-leaf yellow pine with four heavy cross sills and four light cross sills. The bottoms are double over both front and rear bolsters, and the extra or false bottoms are securely held in place by rabbed cross sills riveted clear through the bottom. We use two pairs of outside braces. The sides are further reinforced by an iron plate across the rear end to prevent splitting. Comstock patent rear end gate. Top edges all protected with beveled edge iron. Top boxes have hickory box pleats.

**Ironing**—A perfect, light-running wagon depends as much upon the right kind of ironing as upon the wood used. It is necessary that the skeins be set mechanically correct in order to make it light-running. Each axle point is cut to fit its individual skein and the skeins are set as nearly perfect as mechanical skill can make them. The boxes are set absolutely true and forced into place with a powerful hydraulic press. The hub bands are made of sable iron, which is much more expensive than common iron

A one year guarantee certificate with each wagon. We guarantee every part of this wagon against defect in material or workmanship for one year. If anything shows a defect within that time, it will be replaced at our expense. We also guarantee safe delivery and entire satisfaction. If the wagon is found unsatisfactory, it may be returned at our expense, and your money promptly paid back.



The Pioneer is honestly built, and we tell you exactly what's in it.

and is positively the best material ever used for this purpose. The tires are set by hydraulic pressure and the wheels are dished just enough to make the spokes stand perfectly plumb from the ground to the axle. Rims are riveted on both sides of the spokes to prevent splitting. The bolster plates are cup shaped and extra long.

Axles are reinforced with heavy truss rods, skeins are sand proof and the throat of skeins are grooved for the truss rods, thus making our axles much stronger where they enter the skeins, and is a great advantage over the ordinary type of skein generally used.

**Front Gear** is square hound drop tongue, well ironed and braced throughout, axle and sand bolster are bound together with clips and not weakened by bolt holes—one of the strongest gears possible to make.

**Rear Gear**—Hounds are doubly braced, no bolt holes in the axle. Clips are used instead thereby strengthening the gear. Bolster ends are specially ironed to prevent splitting; bolster stakes are ironed inside and out with side and outer braces.

**Painting**—All gear wood parts are dipped in boiled linseed oil before ironing in order to close the pores of the wood. After ironing they are given two coats of the best grade lead and oil paint, varnished and striped by hand. Color of gear is light red. Box is painted green and striped.

No. 72C343—3½x11-in. Pioneer Wagon; 6,000 lbs. capacity; 28-in. by 11-foot box; 2½x½-inch tires. Weight, 1,250 lbs. **\$79.50**

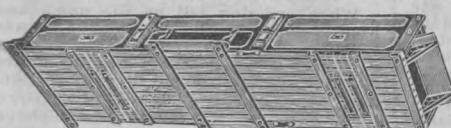
No. 12C344—3½x11-in. Pioneer Wagon; 6,000 lbs. capacity; 28-in. by 11-foot box; 3x½-inch tires. Weight, 1,300 lbs. **\$82.50**

**Gear only**, without box or seat, but with whiffle trees and neckyoke. Price..... **\$62.00**

**Gear only**, without box or seat, but with whiffle trees and neckyoke. Price..... **\$63.50**

No. 12C130—Extra heavy teaming gear only, 3¾-in. x 12 in. skein, ¾x3 inch tire. Weight, 1,100 lbs. Price, with neck yoke and trees ..... **\$72.50**

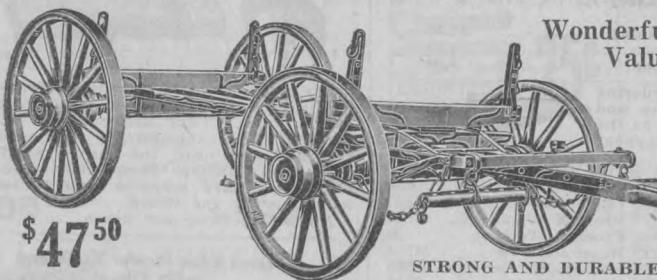
## BOTTOM VIEW OF OUR WAGON BOX



crosspieces on bottom, four hold down rods, four box rods, bolster rub irons, anti-spreader chain, Comstock patent end gate, four hickory cleats, stake chafe irons on side. Top box is fitted with steel grain cleats which project over lower box making it absolutely grain tight. Weight, 425 lbs.

No. 12B340—28-inch Double Wagon Box, without seat ..... \$22.55  
No. 12B341—10-inch Tip Top Box, Extra ..... 5.00  
No. 12B342—High Back Seat, Extra ..... 4.00

## STANDARD WIDE TIRE FARM TRUCK



**\$47.50**

STRONG AND DURABLE

The Axles are of the best hickory, selected stock, fitted with 3½x10 in. best cast skeins. Bolsters of best oak with 12-inch mortised stakes, with two rings heavily ironed. Width between bolsters 38 in. The front hound is made of 1¾-in. angle steel reinforced with wood and heavily braced. It has regular wood hounds in rear. The tongue and reach are made of best seasoned oak, and the tongue is the regular farm wagon style built into the hounds and heavily ironed. Wheels are made of tough white oak. Finish—Painted red, varnished and striped.

Size of Skein Size of Tire Height of Wheels Weight Capacity  
Inches Inches Front, in. Hind, in. Pounds Pounds Price  
No. 12C348— 3½x10 3x¾ 36 42 4000 \$47.50  
Extra for Doubletree, Singletrees and Neckyoke ..... \$3.25

Wonderful Value

## FARMER'S LOW DOWN HANDY WAGON



**\$32.50**

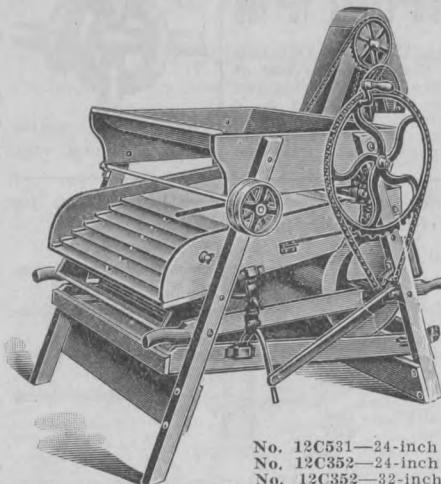
Grooved Tires

A WAGON OF THIS STYLE IS A NECESSITY ON EVERY FARM

It is built low down so that it can be easily loaded. Has steel wheels which are not affected by climatic conditions. The wide tires do not cut up the fields. The axles are made of hickory and the remainder of the gear of oak. Stakes are mortised into the bolsters and well braced. Has oak front hounds, which are more satisfactory than wagons built without front hounds. The wheels have heavy cast hubs, oval steel spokes, and 4x¾ in. grooved tires. Capacity, 5,000 lbs. Skeins, 3½x10-inch. Front wheels 28-in.; rear wheels, 30-inch. Shipping weight, 550 lbs.

No. 12C136—Handy Farm Wagon ..... **\$32.50**

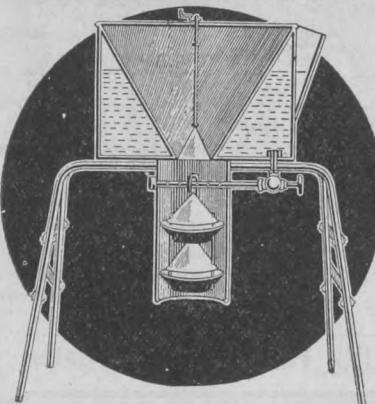
# North Star Grain Grader, Separator and Fanning Mill



No. 12C531—24-inch North Star Fanning Mill.	Weight, about 140 lbs.	Price .....	\$24.50
No. 12C352—24-inch North Star Fanning Mill, complete with sacking elevator.	Weight, about 80 lbs.	Price .....	31.00
No. 12C352—32-inch North Star Fanning Mill.	Weight, about 155 lbs.	Price, each	33.50
No. 12C353—32-inch North Star Fanning Mill, complete with sacking elevator.	Weight, about 195 lbs.	Price .....	39.50
No. 12C354—Power Attachment and Pulley to suit either of above mills.	Extra		

## AUTOMATIC ONE MAN GRAIN PICKLER

One of the Best Picklers Made



Sectional View of Mixing Cones

This Automatic Spray Smut Killer is a one-man machine and operates entirely without power. There are no cranks to turn—no complicated machinery—no elevators to bother with. You simply pour the grain in at the top and take it away at the bottom. One man or a boy can treat enough grain in one hour to run several drills all day. When seed grain is put through this machine no seed can escape treatment and none can become soaked. It is so constructed that every seed gets the same even coat of formaldehyde. The top of the hopper when mounted is about 4 feet from the floor. Capacity of hopper about  $1\frac{1}{2}$  bushels. Capacity of solution tank, about 22 gallons. Both hopper and solution tank are made of heavy galvanized steel. When not in use hopper can be removed and machine folded up to store in small space. Full directions for using sent with each machine. Machine is made entirely of steel. Weight, about 50 lbs.

No. 12C500—Price \$15.00

## Field Stacking Outfit \$22.50



### FIFTY-FOOT CABLE OUTFIT

No. 5C1806—Outfit for 50-foot stack consists of: 150 ft.  $\frac{1}{2}$ -inch galvanized cable; 2 clamps for making loops around end stakes; 2 shoulder clamps, to prevent posts working inward; 2 bolts, to screw parts together where they cross; 1 double harpoon fork; 3 knot-passing pulleys; 130 ft.  $\frac{3}{4}$ -inch manila rope; 50 ft.  $\frac{3}{4}$ -inch check rope and 1 "ideal" cable carrier. Price..... \$22.50

For longer outfits than 50 feet, add 15¢ per foot for each additional foot wanted, and extra length of cable and rope will be sent.

Grow bigger and better crops by using cleaned, graded and selected seed. Increased crops from one acre will pay for the mill that will give you such seed. North Star Mills will clean, grade and separate any kind of seed and throw out all dirt, trash and weed seeds, all at one operation. They will handle successfully mixtures, that cannot be handled in many other mills. They operate on scientific principles, and if you order them with proper equipment for your work, they will not fail. Mills are strongly constructed, nicely finished and very easy running. Only first grade kiln dried lumber used. Fans are enclosed in large sheet steel drum and give strong, steady air blast. Blast is controlled by blinds on sides of drum and any desired amount of blast obtained. The fans are of large capacity, and will furnish ample blast for any kind of work. These mills are shipped and all set up and you are saved the bother of putting a complete mill together. Hoppers are of large capacity with a simple feed adjustment. A turn or two of the hopper crank opens or closes the gate of the feed as much or as little as desired, and the grain is distributed evenly over the full width of the sieves, which is necessary for a uniform quality of work.

Made in four sizes, all with double shoe; sieves are 36 inches long in all our mills. The 24-inch mill has a capacity of from 35 to 45 bushels per hour; is 40 inches long, 28 inches wide and 39 inches high. The 32-inch mill has a capacity of from 40 to 50 bushels per hour; is 40 inches long, 36 inches wide and 39 inches high. — Screens are kept from clogging by a scrubbing bar. The 32-inch is an all round farm mill of great capacity; runs as easy as any small mill made. If you have a gasoline engine we furnish a power attachment to run the mill by engine power, for \$2.50 extra.

**Equipment.**—Seven screens and a wheat gang are regular equipment with every North Star Mill. With this equipment the mill will clean and separate most all grains grown in the west. We send a book of instructions, "How to Operate", with every mill. For barley we furnish a barley gang at following prices:

For 24-inch mill ..... \$5.00 For 32-inch mill ..... \$5.50

The sacking elevator is a most convenient attachment, and we recommend you to buy it. It prevents seeds and dirt getting mixed again with the grain. Discharge spout is double and holds two sacks.

No. 12C531—24-inch North Star Fanning Mill.	Weight, about 140 lbs.	Price .....	\$24.50
No. 12C352—24-inch North Star Fanning Mill, complete with sacking elevator.	Weight, about 80 lbs.	Price .....	31.00
No. 12C352—32-inch North Star Fanning Mill.	Weight, about 155 lbs.	Price, each	33.50
No. 12C353—32-inch North Star Fanning Mill, complete with sacking elevator.	Weight, about 195 lbs.	Price .....	39.50
No. 12C354—Power Attachment and Pulley to suit either of above mills.	Extra		

## BIG CAPACITY POWER FANNING MILLS

These mills are built on the exact principle as mills described above, except that they are double widths, being made 48 and 60 inches wide in the screen. The capacity of the 48-inch is 60 to 75 bushels per hour, and the 60 inch is 100 to 120 bushels per hour. Equipped for power only, and supplied complete with regular sacker. Wagon box elevator \$6.50 over price of regular sacker.

There is no better mill sold in Western Canada than our North Star—manufactured in the West to suit western grains and conditions.

No. 12C355—48-inch North Star Power Mill complete with power attachment and sacking elevator. Weight, about 320 lbs. Price... \$65.00

No. 12C356—60-inch North Star Power Mills, complete with power attachment and sacking elevator. Weight, about 360 lbs. Price..... 85.00



## COMPLETE HAY CARRIER SLING OUTFITS



Our Hay Cars work from centre as well as end.

Including all fittings necessary. The Sling car we supply with our Sling Outfit is a better car than agents sell for \$16. We have thousands of these Hay Outfits in use, and guarantee them to be easily erected and give perfect satisfaction. Here are the prices complete.

### FOR CONVENIENCE IN ORDERING



We have arranged these Steel Track Outfits complete for different sized barns, for the accommodation of our customers, not only to save them time and trouble, but also for those who do not know just what an outfit consists of. We have arranged them, however, in the best possible manner, that is, saving you as much as we possibly can, at the same time giving you plenty of everything necessary. Larger rope than one inch cannot be used. — The brackets and the hanger hooks are furnished to be placed on every rafter where 2 feet apart, as is used in modern barns. — The steel track is made of 1-inch angle steel, 2 pieces held together with malleable clamps. Is cut in 10-foot lengths, with two 5-foot pieces to each outfit to break joints. — We use best grade special Manila Rope,  $\frac{3}{8}$ -inch, although carriers will use any size from  $\frac{3}{4}$  to 1-inch.

### STEEL TRACK OUTFITS FOR SLINGS AND FORK

Length of Barn	Manila Rope $\frac{3}{8}$ -In.	Check Rope $\frac{3}{8}$ -In.	Hanging Hooks	Rafter Brackets	Floor Hooks	Knot-Pass Pulleys	Weight, about	No. 5C1820 Sling Outfit. Price, complete, with 3 only 6-foot slings and 5C1800 Sling Car	No. 5C1821 Fork Outfit Price, complete, with Double Harpoon Fork & Fork Car
30 ft.	110 ft.	40 ft.	15	15	4	3	200 lbs.	-34.50	\$21.50
35 ft.	110 ft.	45 ft.	17	17	4	3	210 lbs.	36.50	23.60
40 ft.	120 ft.	50 ft.	20	20	4	3	240 lbs.	38.50	25.25
45 ft.	130 ft.	55 ft.	22	22	4	3	260 lbs.	40.00	26.75
50 ft.	140 ft.	60 ft.	25	25	4	3	280 lbs.	42.00	28.50
55 ft.	150 ft.	65 ft.	27	27	4	3	300 lbs.	43.00	29.65
60 ft.	160 ft.	70 ft.	30	30	4	3	320 lbs.	46.00	31.75
65 ft.	175 ft.	80 ft.	32	32	4	3	335 lbs.	47.00	33.75
70 ft.	180 ft.	90 ft.	35	35	4	3	350 lbs.	50.00	35.00
75 ft.	190 ft.	100 ft.	37	37	4	3	370 lbs.	53.00	36.75
80 ft.	200 ft.	110 ft.	40	40	4	3	390 lbs.	55.00	38.50



### ADJUSTABLE WAGON SLINGS

Prices are for single slings, as illustrated, not for sets. Our slings are adjustable to suit any length of rack.

No. 5C1807—Length, 5 feet.	Weight, about 26 lbs.....	\$3.00
No. 5C1808—Length, 6 feet.	Weight, about 29 lbs.....	3.25

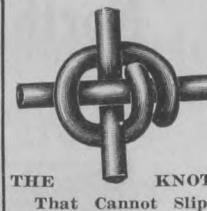
Highest Quality  
Lowest Prices

That is why we sell more fencing direct to the user than any other concern in Western Canada.

Put up in rolls of 10, 20 and 40 rods.

# EMPIRE BIG WIRE FENCING

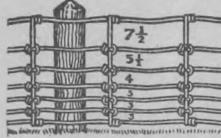
AT MONEY SAVING PRICES  
DIRECT FROM LOOMS TO YOU



We use only the very best hard galvanized steel wire, guaranteed to be full gauge, and as rustproof as it is possible to make it. Our workmanship is the best. Fencing buyers can realize a handsome saving on their season's requirements by placing their orders during this sale. Even though the fencing be not needed until later on, it will pay you well to order now.

Your order filled with bright new fencing fresh from the looms, instead of from a stock which has lain weather-beaten for months—that is why EMPIRE Fence is worth 2 to 3 cents a rod more than most fences.

26-inch—7 wires, Hog and Sheep Fence

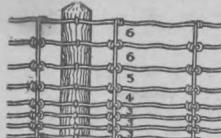


No. 9 Top and bottom, No. 12 filler wires, spaced as shown.

With stays 13 in. apart, wt., 6 lbs. per rod. **26c**

With stays 6 in. apart, wt., 7 lbs. per rod. **31c**

32-inch—8 wires, Hog and Sheep Fence



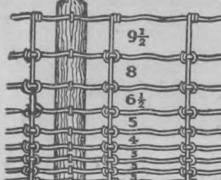
No. 9 top and bottom, No. 12 filler wires, spaced as shown.

With stays 13 in. apart, wt., 7½ lbs. per rod. **32c**

With stays 6 in. apart, wt., 8 lbs. per rod. **37c**

8 wire, 32 in. high, all 9, stays 16 in. apart, wt. per rod, 12lb. Price **45c**

42-inch—9 wires, Stock Fence

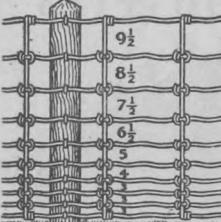


CENTS  
Per Rod

9 line wires, spaced as shown. No. 9 top and bottom, No. 12 filler, stays 13 inches apart. Weight, 8 lbs.

Price, per rod ..... **35c**

50-inch—10 wires, Heavy Stock Fence



10 line wires, spaced as shown, stays 13 in. apart, No. 9 top and bottom, No. 12 filler. Wt. per rod 9 lbs. Price per rod. **40c**

50 in. high, all No. 9 wire, 10 line wires spaced as shown, stays 22 in. apart. Wt. per rod 13 lbs. Price per rod ..... **55c**

## BARB WIRE

Owing to the very unsettled market on Barb wire, we are not in position to quote prices only for immediate acceptance. If in need of Barb Wire write us and we will make you **ROCK BOTTOM PRICES**.—Price of wire fence subject to market changes; send us your order; if price goes down we will refund money over.

## Every Farmer Should Own a Feed \$10.00 Cooker At These Prices

A Cooker must be built along right lines or it will not render the best of service and will last but a short time. In the cooker that we illustrate here-with you are assured of receiving one that can be depended upon for service in every way. — The most durable and popular style of feed cooker made for cooking feed for hogs, poultry, cattle, sheep, horses, also invaluable for heating water. Size of door is 12 inches.

No. H90—30 gallon, weight 170 lbs. Price....\$10.00  
No. H90A—40 gallon, weight 200 lbs. Price 12.50  
No. H90B—50 gallon, weight 250 lbs. Price 15.00  
No. H90C—60 gallon, weight 300 lbs. Price 16.75  
Coal Grate, \$3.50 extra, Galv. Covers, \$1.50 extra

Weight, 100 lbs. Price ..... **\$9.50**

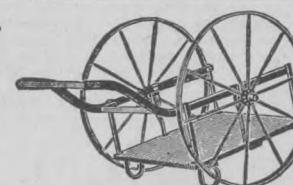
## HANDY PLAT-FORM CART

PRICE

**\$9.50**

Very useful for handling milk cans, barrels, sprayers, etc. Frame is constructed of heavy steel bars, strongly bolted and braced. Wood platform is 22x28 inches and set close to ground. Wheels, 36 inches diameter with 1½-inch tires. Can be readily used as a box cart by putting boards on platform. We do not supply the boards.

No. 5B476—Handy Platform Cart. Weight, 100 lbs. Price ..... **\$9.50**

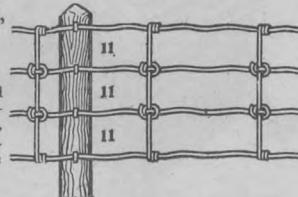


## Pump Spout Attachment

40c  
No. C 57—For attaching to the spout of any ordinary lift pump for conveying water to a trough outlet tapped for 1½-inch pipe. Can be moved in any direction. Price ..... **40c**

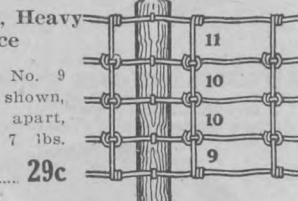


33-inch, 4 wires, Heavy Field Fence



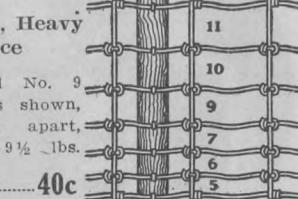
4 line wires, all No. 9 wire, spacings as shown, stays 22 in. apart. Wt. per rod, 5½ lbs. Price, per rod ..... **25c**

40-inch, 5 wires, Heavy Field Fence



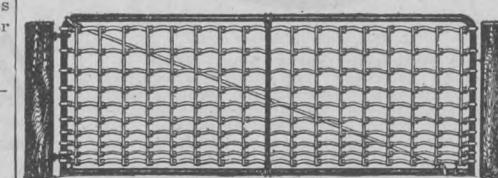
5 line wires, all No. 9 wire, spacings as shown, stays 22 inches apart, weight per rod, 7 lbs. Price, per rod ..... **29c**

48-inch, 7 wires, Heavy Stock Fence



5 line wires, all No. 9 wire, spacings as shown, stays 22 inches apart, Weight per rod 9½ lbs. Price, per rod ..... **40c**

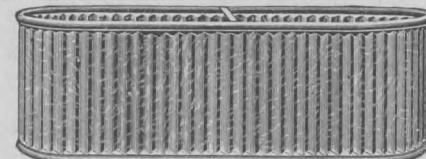
## EMPIRE Farm and Walk Gates



Frame is made of first quality merchants' pipe, 1½ inches outside diameter and nicely painted. No. 32X5334 Improved Farm Gates—4 ft. high. Width, feet... 3½ 8 10 12 14 16  
Weight, lbs.... 20 50 65 72 80 95  
Price..... \$2.25 \$4.00 \$4.50 \$5.00 \$5.50 \$6.00

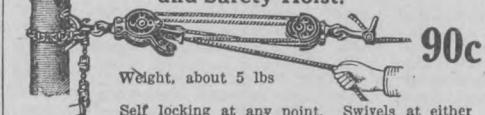
## Galvanized Steel Stock Tanks

We guarantee our Stock Tanks to be the very best sold in this country. They are made of full gauge steel, and with corrugated sides makes a better finish and a stronger tank.



Wid. Feet	Hei't Feet	Leng. Feet	Capacity Barrels	Price
2	2	6	5½	\$10.00
2½	2	8	9½	13.00
3	2	8	11½	15.00
3	2	10	15	16.50

## Improved Tackle Block Wire Stretcher and Safety Hoist



Weight, about 5 lbs  
Self locking at any point. Swivels at either end. Provided with steel grapples for stretching barbed wire, strand and woven wire fencing. Also complete safety rope hoist for ordinary use, with which one man can raise 500 pounds.

**90c**

# EVERY FARMER HIS OWN PUMP MAN

## Instal Your Own Pump, It Is Easy

THESE PUMP, SHOWN ON THIS PAGE ARE FIGURED OUT ALL READY TO INSTALL IN YOUR WELL.

We cut, thread and fit the pipe, cylinder and rod to the proper length, so that the outfit can be screwed together and lowered into your well without any trouble. Simply order pump according to depth of well. It will go to you complete with all necessary parts, including: Pump, Cylinder, Pipe and rods; and all you have to do is simply screw the parts together with a Stillson or pipe wrench (which we supply at \$1.25). We furnish free the lag screws for screwing the base of pumps to platform.

## THESE PUMPS ARE SUITABLE FOR BOTH HAND AND POWER USE

No. 6C26—This represents our "Jumbo" Anti-freezing Lift Pump, for windmill, hand or power use. It is a regular closed-top pump, adapted to open or drive well; has six-inch stroke for hand and ten-inch stroke for power. It is a very substantial pump, and will work in wells to 100 feet in depth. Cap and lever are revolving, allowing handle to be placed in any desired position.

### PRICE "JUMBO" PUMP, COMPLETE

Depth of well	Price complete, with iron cylinder.		
	3x12-in. cyl.	3 1/2x12-in. cyl.	4x12-in. cyl.
7 feet	\$ 8.50	\$ 9.40	\$10.40
10 "	9.25	10.25	11.50
12 "	10.70	11.00	12.50
14 "	11.50	12.00	13.00
16 "	12.00	12.50	14.50
18 "	12.50	13.00	15.00
20 "	13.00	13.50	15.60
22 "	14.00	14.00	16.50
24 "	14.50	14.50	17.00
26 "	15.00	16.00	17.50
28 "	15.50	16.50	18.50
30 "	16.50	17.50	19.50
35 "	18.00	18.50	21.00
40 "	18.50	20.00	23.00
45 "	19.00	21.00	24.00
50 "	20.00	22.50	For 16-inch
55 "	21.25	24.00	cylinder add \$1
60 "	23.00	25.00	to these prices
70 "	24.50		
80 "	27.00		
90 "	28.50		
100 "	30.00		

If brass-lined cylinder is wanted, add \$1.50 for 3-inch, \$2.00 for 3 1/2-inch, and \$2.25 for 4-inch.

**Note**—With this pump in wells to a depth of 30 ft., we place cylinder 7 ft. down. In wells over 30 ft., we put cylinder at bottom and supply all galvanized pipe and rods.



Only \$5.25 For 7 Foot Pump Complete

### Anti-Freezing Lift Pump

No. 6C10—"Perfection" Anti-Freezing Lift Pump, with 7-ft. net length. A lift pump with 6-inch stroke and adapted for wells over 30 feet deep, fitted with revolving handle to be swung in any direction. Well built and guaranteed to give perfect satisfaction. This pump works easily.

Cylinder is made of iron, bored true and polished. For wells up to and including 30 feet in depth.

Following prices are complete, ready to install, with cylinder:—

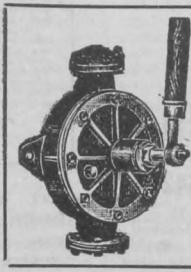
Depth of well	3x10-in. cyl.		
	1 1/4-in. pipe	3 1/2x10-in. cyl.	2-in. pipe
7 feet	\$5.25	\$6.00	
10 "	5.75	6.50	
12 "	6.10	6.80	
14 "	6.40	7.15	
16 "	6.75	7.50	
18 "	7.00	7.75	
20 "	7.50	8.00	
22 "	7.75	8.50	
24 "	8.15	8.85	
26 "	8.50	9.25	
28 "	9.00	9.75	
30 "	9.25	10.00	



### Semi-Rotary Wing Pump--- Quadrupole Acting Force

No. 6C11—Will pump gasoline, oil, water, etc., from a depth of 24 feet and force it to a height of 90 feet without help of an intervalve. Fitted with brass valve.

Number 1 2 3  
Size pipe 3/4-in. 1-in. 1 1/4-in.  
Weight... 13 lbs. 18 lbs. 28 lbs.  
Price, each \$4.00 \$5.00 \$6.00



## You Save Big Money

in buying Pumps from us. We make a specialty of these goods and know exactly what you require. We are so confident that you can install any of these pumps that we guarantee to accept back any of these outfits and refund the price and any freight charges you paid, if you find that you cannot put it in so that it will work easily.

PRICES QUOTED ON "PREMIER" PUMP ARE WITH ALL GALVANIZED PIPE and rods to suit (no black pipe used at all), including 12-inch, two-leather, brass-lined cylinders and hose attachment, and all you need to do in ordering is to order exact depth of your well, and tell us how many feet of water in well. Cylinder will always be placed at bottom of well to suit. Prices include all necessary fittings, and instructions telling you how to install.

## "PREMIER"

### Anti-Freezing Force Pump for Hand or Power

THE BEST STOCK FARM PUMP MADE, and is the pump we recommend for those who want a quality article at the right price. Requires only one-half the power of the common lift pump, due to our patented ratchet head. Will always work in the coldest weather.

With Brass Stuffing Box and 1 1/16 Piston Rod Complete, ready to put in.

**\$13.50**

With Cock Spout, 75c extra.

WITH PLAIN SPOUT and HOSE ATTACHMENT  
All Galvanized Pipe and Rods used.



### SAVED MONEY

Box 124, Birle, Man.

Messrs. C. S. Judson, Ltd.

Dear Sirs—I have had the heavy "Premier" force pump working daily since I got it from you, and am raising water 130 feet with it by hand, and am very much pleased with its strength and easy working.

Yours truly,

W. W. CLEGHORN.

### PRICE "PREMIER" PUMP, COMPLETE

Depth of well	Price, complete with Brass-lined Cylinder.		
	well	1 1/4-in. pipe	1 1/2-in. pipe
10 feet	\$13.50	\$16.60	\$17.50
15 "	16.50	17.75	18.50
20 "	18.50	19.50	22.50
25 "	19.50	21.00	24.00
30 "	20.50	21.50	26.00
35 "	21.50	23.50	27.00
40 "	22.50	24.50	29.00
45 "	23.50	25.75	30.00
50 "	24.60	27.00	32.50
55 "	25.50	28.00	33.50
60 "	26.50	29.50	35.00
65 "	27.50	30.50	37.00
70 "	28.50	32.00	38.50
75 "	29.50	33.00	39.50
80 "	30.50	34.00	...
85 "	31.50	35.00	...
90 "	32.50		
95 "	33.50		
100 "	34.50		
110 "	36.70		
120 "	40.00		
130 "	41.50		
140 "	42.50		
150 "	45.00		

We Guarantee our line of Pumps to be the Equal in Quality to those sold by any house in Canada, and the price to be lower than any  
C. S. JUDSON CO., Ltd.  
Winnipeg, Canada

If 16-in. Cylinder is wanted, add \$1.50 to above price. Large screws for fastening pump down furnished free.

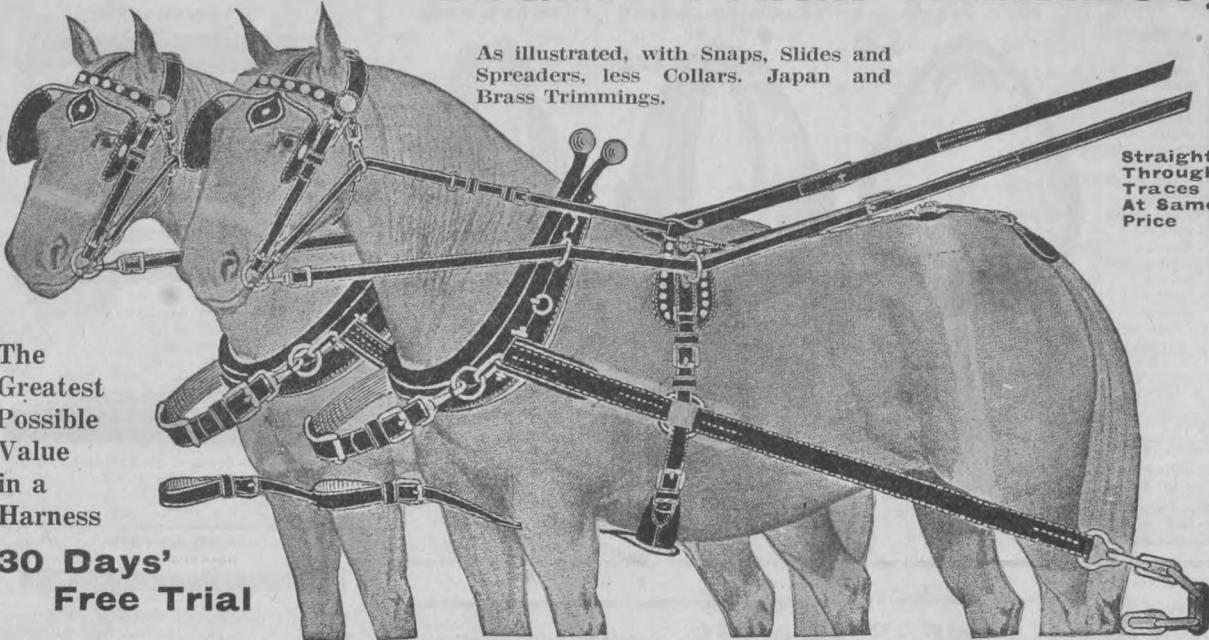
Note the large size Piston Rod we use on our Force Pumps—  
1 1/16 with Brass Stuffing Boxes





The same grade of harness bought elsewhere would cost you \$8 to \$10 more.

# “ELGIN” FARM HARNESS, \$37.25



The  
Greatest  
Possible  
Value  
in a  
Harness

**30 Days’  
Free Trial**

After years of experience in selling harness to the Western Farmer, we have no hesitation in offering our **ELGIN** farm harness accompanied by the most liberal harness guarantee ever offered to the Farmer. Our policy of **small profits and quick sales** enables us to sell this farm harness at this very low price in the face of an advancing leather market. Read our guarantee, which covers every strap. **You cannot afford to buy your harness elsewhere.** Send your order to-day.

**Trimmings**—Brass and Japanned; brass spotted back pad, bridle front, face drop and blinds. Brass trimmed Nubia steel hames. Harness shipped complete with Nubia snaps, japanned breast strap slides, and spreader straps, with white Duranoid rings.

**Bridles**— $\frac{3}{4}$ -inch cheeks, with Concord blinds, brass spotted front, face drop and blinds,  $\frac{3}{4}$ -inch long checks.

**Lines**—Full 1-inch wide, 20 feet long, with sewn billets.

**Hames**—Steel, Nubia finish, brass ball top and brass line ring.

**Traces**—Full length, 1 $\frac{1}{2}$ -inch, 3-ply, strictly No. 1 quality leather. 6-link heel chain, Ring style.

**Breast Straps**—1 $\frac{1}{2}$ -inch.

**Martingales**—1 $\frac{1}{2}$ -inch, with ring.

**Back Pads**—Flat harness leather, heavy felt lined; substantial 1 $\frac{1}{4}$  billet to buckle, brass spotted. Japanned hook and terrets.

**Belly Bands**—1 $\frac{1}{2}$ -inch folded, all leather.

**Back Straps and Cruppers**— $\frac{3}{4}$ -inch back strap with trace carrier; stuffed crupper dock buckled on.

**No. 4C17—Harness as above, complete, less collars**

**\$37.25**

**Price**

**No. 4C18—Harness as above, complete, with straight**

**\$37.25**

If lines not required, deduct \$4.25. If bridles not required, deduct \$4.50. If back straps and cruppers not required, deduct \$2.25. If 2-inch, 2-ply traces, with 3 rows of stitching are required, add \$2.50.

## “Pioneer” Team Harness

**\$28.75** COMPLETE  
Less Collars

EVERY  
STRAP  
GUARAN-  
TEED

**30 DAYS  
FREE TRIAL**

This harness is an old friend of the Western farmer, we have sold it for many years and have not found it necessary to make any changes in it. If you want a good, strong plow harness at a low figure, you will make no mistake in buying our “Pioneer.”

**TRACES**—2-inch selected single stock, with 28 inches double and stitched at hames, 1 $\frac{1}{4}$ -in. billets, 6-link heel chain. Strong varnished or steel bolt hames,  $\frac{3}{4}$ -in. hame straps, 1 $\frac{1}{4}$ -in. billets, 6-link heel chain.

**BRIDLES**—The bridles are well proportioned, cheeks  $\frac{3}{4}$ -inch, square or concord blinds, plain leather brow band, nickel rosettes, stiff or jointed bits.

**LINES**— $\frac{3}{4}$ -inch full length, with snaps.

**BELLY BANDS**—Double and stitched, 1 $\frac{1}{2}$ -inch buckles.

**BACK PADS**—3 $\frac{1}{2}$ -inch housings lined with best English felt. Conway loops at ends,  $\frac{3}{8}$ -inch loop in centre, 2 $\frac{1}{2}$ -inch Japanned rings on outside pads.

**POLE STRAPS AND MARTINGALES**—1 $\frac{1}{2}$ -inch, slides and snaps furnished with breast straps.

**TRIMMINGS**—Black Japan.

All snaps and slides are furnished.—Weight, boxed for shipment, about 75 lbs.

**No. 4C25—Pioneer Farm Harness complete, less collars** **\$28.75**

**No. 4C28—Pioneer Farm Harness, with 1 $\frac{1}{2}$ -inch straight through** **\$31.00**

or ring style traces, complete, less collars

If bridles not required, deduct \$3.75. If lines not required, deduct \$3.75.

You buy this harness on the understanding that if you do not find upon receiving it that it is better value for the money than is offered anywhere else in Canada, you may return it, and we will refund the full purchase price and freight charges both ways.

## “BRUTUS” HEAVY SINGLE HARNESS. DOUBLE NECK AND HIP STRAPS

**\$23.50** per **30 Days  
Set Trial**



This harness is made for long hard service. Note the extra size of the strap-work and it is all of extra quality. This is without question the heaviest single harness on the Canadian market to-day. The finish is imitation rubber and the set has a handsome appearance.

**FINISH**—Smooth round edge finish; no creasing.

**BRIDLE**— $\frac{3}{4}$ -inch, box loop cheeks, square patent leather blinds, round winker braces, overcheck with nose band.

**LINES**—1 $\frac{1}{2}$ -inch throughout, with spring billets; 1 $\frac{3}{4}$ -in. feet long.

**BREAST COLLAR**—Extra wide, 3 $\frac{1}{4}$ -inch V shape, heavy leather; double neck strap with line rings.

**TRACES**—1 $\frac{1}{2}$ -inch single strap, heavy harness leather; scalloped points stitched to breast collar; lined and stitched at back, with three holes.

**BREECHING**—2-inch single strap, heavy harness leather; scalloped layer at each end; box loop lead-ups;  $\frac{3}{4}$ -inch split hip straps, 1-inch side strap; scalloped and stitched turnback with round crupper sewed on.

**GIG SADDLE**—Harness leather skirts, enameled leather pad, beaded housing, patent leather jockey, double and stitched shaft bearers, Griffith style shaft tugs and belly-band.

Weight of harness, boxed for shipment, about 19 lbs.

**No. 4B36—Price of Harness, with imitation** **\$23.50**

**rubber or nickel trimmings**

# Collars, Sweatpads, Strapwork and Harness Parts

## THONG SEWN



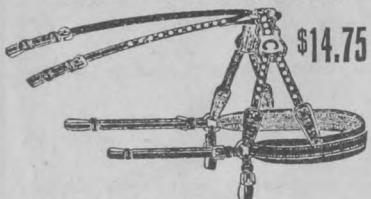
\*A Horse Collar of quality and exceptional value. Split leather back extended, russet leather face; long straw throat and long straw backed sole leather pad. **Thong sewn** welt rim and billets. These collars are carefully stuffed and moulded; are the correct shape and built to give service. This is the collar you want. State size wanted when ordering.

No. 4C85—Weight, about 7½ lbs. Price, each ..... \$3.30

No. 4C86—Half Sweeney, otherwise same as No. 4C85. Price, each ..... \$3.45

No. 4C88—Straight Draft, kersey cloth face, otherwise same as 4C85. Price, each ..... \$3.20

## "ELGIN" 5-RING BREECHING



Five-ring style, brass trimmed, heavy folded seat with full length layer, 1 inch hip straps, 7/8 inch rib straps, 7/8 inch lazy straps, brass trace carrier and brass buckles. This is a breeching that will stand any work you might put it to.

No. 4C120—Set complete for 2 horses ..... \$14.75

No. 4C119—Same as above, with market tugs and extension straps \$16.00

No. 4C122—A substantial, medium weight, 3-ring Breeching, 7/8-inch side and hip straps, Conway loops. Jappanned trimming. Price, per set ..... \$12.00



Price, each ..... \$2.25

No. 4C129—"Elgin" Bridle. Same substantial bridle as illustrated and described on other page with Elgin Harness. Price, each ..... \$3.00

No. 4C130—"Premier" brass spotted bridle as illustrated and described on page 12. Price, each ..... \$3.50

Open bridle if wanted supplied on any of above at same price.

## HANDY SNAP HEEL CHAINS

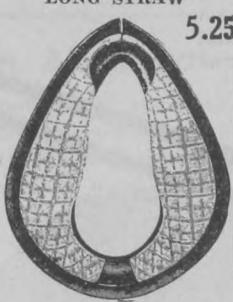


No. 4C262—6 links, and extra heavy snap. Will instantly convert cockeye trace to heel chain trace. Price, per set of 4 ..... 50c

## HALTER CHEEKS

For converting halters into working bridles. No. 4C102—Price, pair, with snaps 35c

## LONG STRAW



5.25

Long straw, well stuffed, heavy wool kersey face, sole leather pad; heavy harness leather rim and pack; hand finished. Sizes 18 to 22 inches; weight about 10 lbs. Be sure and state size wanted.

No. 4C89—Long Straw Collar, kersey faced. Price, each ..... \$5.25

## LANKFORD COTTON COLLAR



\$1.50

This collar is made of good heavy duck, reinforced with leather at points of wear. Is stuffed with cotton fibre that will not get hard. This collar is recommended to cure or prevent galls and sore shoulders. The cool, oily, springy cotton fibre and the open throat principle in the "Lankford" Cotton Collar take away all friction on neck and shoulders.

Weight about 10 lbs. No. 4C91—Sizes, 17 to 22. Price, each ..... \$1.50

## SWEAT PADS



No. 4C93—Sweat Pad, made of old gold drill. 12-inch draft; 4 hooks open at bottom. Made in sizes, 18 to 24 inches. A low priced, serviceable pad. Price, each ..... 55c

In ordering sweat pads, order two sizes larger than the collar the pad is to be used with. A 20 inch collar takes a 22 inch pad.

## MARTINGALES



No. 4C123—First quality, sewed. 1½ inches. Price, each ..... \$0.90  
1¾ inches. Price, each ..... 1.05  
2 inches. Price, each ..... 1.20



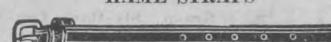
No. 4C124—Best quality. 1½ inches. Price, each ..... \$.90  
1¾ inches. Price, each ..... 1.05  
2 inches. Price, each ..... 1.20

## Team Bellybands.



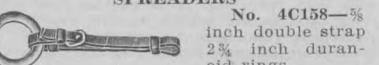
No. 4C125—Team Bellyband, folded and stitched; 20 inches long. 1½ inch. Price, each ..... 80c  
1¾ inch. Price, each ..... 90c

## HAME STRAPS



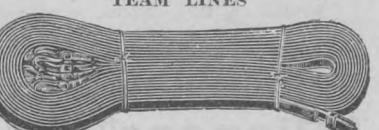
No. 4C126—Hame Straps, made from good heavy leather, with twin loop, 24 inches long. Size, inches, wide ..... % 1 1¼ Price, each ..... 20c 25c 30c

## SPREADERS



No. 4C158—% inch double strap 2 1/4 inch durando rings. Price, per pair ..... 35c

## TEAM LINES



Our lines are all cut from first quality of back leather, and are full width, length and weight, and are guaranteed. No. 4C139—1-inch wide, 20 ft. long. Per set ..... \$5.10  
No. 4C140—1 1/4-inch wide, 20 ft. long. Per set ..... \$5.75

## HALTERS

No. 4C96—Special Heavy, 1 1/4 inch, all Double and Stitched Black Halter, full size, 6-ring pattern. A strong, serviceable and lasting halter. Price ..... \$1.50

GENUINE RAWHIDE HALTER. Hand Made Heaviest Stock No. 4C99—Big Value Rawhide Halter. Extra heavy, doubled and laced; 6-ring pattern. Snap on throat latch. Price each ..... \$1.50

No. 4C150—Japan trimmed team pads. Per pair ..... \$2.95

No. 4C151—Pad as shown on "Premier" harness, page 36. Per pair \$6.25

No. 4C152—Pad as shown on "Elgin" harness, page 336. Price per pair \$5.65

No. 4C153—Web black band, 4 ins. wide, 1 1/4-in. billet and buckles at bottom, extra large loops to take chain pipes. Price per pair ..... \$1.50

## Team Pads

Harness leather housings, 4 in.; felt lined, 1 1/4 in. double and stitched billets and layer with Conway loops at ends; 7/8-in. strap over top with one ring on each pad.

No. 4C150—Japan trimmed team pads. Per pair ..... \$2.95

No. 4C151—Pad as shown on "Premier" harness, page 36. Per pair \$6.25

No. 4C152—Pad as shown on "Elgin" harness, page 336. Price per pair \$5.65

No. 4C153—Web black band, 4 ins. wide, 1 1/4-in. billet and buckles at bottom, extra large loops to take chain pipes. Price per pair ..... \$1.50

## HARNESS TRACES GUARANTEED QUALITY

We will supply any number of traces wanted. If you order one only, state whether you require right or left.



Team Traces—Three-ply stitched, two rows stitching. Made of good solid harness leather, with 6-link, 18-inch heel chain, for bolt hames.

No. 4C131—Size 1 1/2 in. by 6 ft. 4 ins. long. Price per set of four, \$13.75

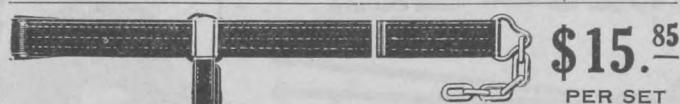
No. 4C132—Size 1 3/4 in. by 6 ft. 4 in. long, with 3 rows of stitching. Price, per set of four ..... \$16.75



Team Traces with ring, 18-inch heel chain. Double and stitched two rows stitching, fitted for bolt at one end. Heavy belly band billets for two horses.

No. 4C133—1 1/2 inch by 6 ft. 4 in. long. Price, per set of four ..... \$13.90

No. 4C134—1 3/4 inch by 6 ft. 4 ins. long, with three rows of stitching. Price, per set of four ..... \$16.90

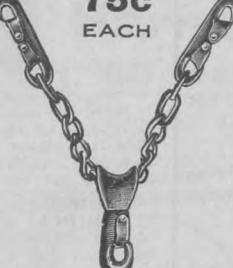


2 inch, 2 ply Trace, with 2 inch, 2 ply hame tug. Three rows of stitching throughout and riveted at ends. Pliable and very strong. Made from No. 1 stock and guaranteed.

No. 4C135—"Western" Team Trace. Per set of four ..... \$15.85

## ADJUSTABLE BREAST CHAIN

75c  
EACH



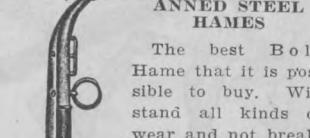
No. 4C223—Adjustable Breast Chain. Superior imitation rubber finish, with electro-plated brass tongues in snaps. Full length, including snaps, 28 inches. Price, each ..... 75c

No. 4C234—Same as above, in XC finish. Price, each ..... 60c

## SPREADER CHAINS

No. 4C275—12 inches long, weight 1/2 lb. per pair. Price, per pair 15c

## BALL TOP JAPANNED STEEL HAMES



The best Bolt Hame that it is possible to buy. Will stand all kinds of wear and not break.

No. 4C218—Japanned Steel Hames, with black iron ball top. All black finish throughout. Price per pair for 1 horse ..... \$1.50

No. 4C219—Japanned Steel Hames, with brass ball top and brass line rings. Price, per one horse ..... \$1.95

## SCREW D 6-LINK HEEL CHAINS



Width of Dee Inches	Weight Lbs.	Price each
1 1/2	5	15c
1 3/4	5	15c
2	5 1/4	16c



## FARM HARDWARE AT LOWEST PRICES

EXTRA  
QUALITY  
WESTERN  
SPECIAL  
FOUR  
TINE  
Strapped  
HAYFORK

No. 5C1830—Made of the very best material. Has four 16-inch polished, spring tempered oval tines. Selected hardwood handles. Capped and strapped ferrules. 4½ or 5 foot handles. Retail price, \$1.50. Our price only—

**\$1.00**

State length of handle wanted.

## NORTHERN LANCE TOOTH ONE MAN SAW



**\$1.95**

No. 5C442—Perforated Lance Tooth One-man Saw. Ground thinner on back than on cutting edge. Complete, with handles.

Size in feet ..... 4 4½  
Price, each ..... \$1.95 \$2.15

## TWO MAN LANCE TOOTH SAWs.

No. 5C439—Highest quality Saw, complete with handles. Size in feet 5 5½  
Price, each ..... \$2.15 \$2.45

Ajax Power  
Grindstone

FOR  
FARM  
USE

PRICE  
COMPLETE  
**\$9.50**

NEVERSLIP WIRE  
No. 8C47—The harder you pull the tighter it grips.

Price Each ..... **35c**

We guarantee this grind-stone to satisfy you.



PLOW SHARES THAT WEAR AT HALF IMPLEMENT DEALERS' PRICES, SEE PAGE 8

The Fork You Want for Pitching. Riveted Tang. Can't Come Loose.

Three-Tine Bent  
Handle Hay Forks.Extra Quality  
No. 5C1831

Length Ship. Wt. Handles about each  
4 ft. 2½ lbs. 80c  
4½ ft. 3 lbs. 80c

Standard Quality  
No. 5C1832

Length Ship. Wt. Handles about each  
4 ft. 2½ lbs. 70c  
4½ ft. 3 lbs. 70c

## LONG HANDLE MANURE FORKS



Four 12-in. Tines

Extra Quality  
No. 5C1833

No. of Ship. Wt. Price  
Tines about each  
4 3½ lbs. \$1.00  
5 4 lbs. 1.40  
6 4 lbs. 1.55

Standard Quality  
No. 5C1834

No. of Ship. Wt. Price  
Tines about each  
4 3 lbs. \$0.80  
5 3½ lbs. 1.10  
6 3¾ lbs. 1.35

HANDY NAIL  
PULLER

**75c**

Very useful on the farm for taking down buildings, opening boxes etc. Pulls the nails without spoiling the lumber. — Price, each.... 75c

## RELIABLE FENCE TOOL—only 95c.



## ROLLER BEARING GRINDSTONE FIXTURES



No. 5C785—No danger of splitting stone, as is the case with wooden wedges. Adjustable for different thicknesses of stones. Easy to turn; nicely japanned. Length 15 inches. Price ..... **55c**



## UNMOUNTED GRINDSTONES

No. 5C786—Quick Cutting, Well Finished Grindstones. Positively will not glaze. No tool more useful than a grindstone. Excellent bargains at our prices. State size wanted.

Size ..... Weight ..... Price  
18 ins. diam., about 50 lbs. \$1.50  
20 ins. diam., about 60 lbs. \$1.80  
22 ins. diam., about 80 lbs. \$2.40



"IWAN" POST-HOLE AUGER—Suitable for Any Soil. Unexcelled for Quick and Easy Work.—

No. 5C380—The "Old Reliable" Staple Puller, wire splicer and tightener, pliers, pincers, hammer and wrench all combined in one high-grade tool, made of drop forged steel. Weight of tool about 2 lbs. Price, each ..... **95c**

## ROUND POINT SHOVEL



No. 5C1839—Extra grade, not the cheap kind. D Handle, Round Point Shovel. Plain black; solid steel; full polished; selected handle. Size 9x11½ inches. Price ..... **85c**

CAST IRON POST MAULS.

Complete with handle.

No. 8C40—Weight, 13 lbs. Price 85c



## HUDSON D HANDLE MANURE FORKS

Extra Quality  
No. 5C1835

No. of Ship. Wt. Price  
Tines about each  
4 3½ lbs. \$1.05  
5 3½ lbs. 1.45  
6 4 lbs. 1.65

Standard Quality  
No. 5C1836

No. of Ship. Wt. Price  
Tines about each  
4 3 lbs. \$0.95  
5 3½ lbs. 1.30  
6 3½ lbs. 1.55



Tempered Diamond Point Steel Tines. Selected D handles. Extra strong and heavy ... No. 5C1853—Strapped ferrule, a s illustrated; Polished Price ..... **\$1.20**

GRASS HOOKS, TEMPERED STEEL

Light, strong and durable. Steel blade sharpened and tempered. No. 5C1852—Strapped ferrule, a s illustrated; Polished Price ..... **30c**

## SOLID SOCKET FIELD HOE



**50c**

No. 5C1844—7 inch. Best size and best quality. Price ..... **50c**

## CLIPPER PATTERN GRASS SCYTHE



No. 5C1845—Clipper Pattern Grass Scythe. Back and edge polished; length about 34 inches. Shipping weight, about 5 lbs. Price ..... **85c**

## PATENT LOOP GRASS SNATHS

Have patent loop and wrench.



Selected Straight Grain Stock, Varnished No. 5C184—Patent Loop Grass Snath. Ship. weight, about 4 lbs. Price ..... **95c**

## SCYTHE STONE.

A very popular stone. Sharp grit. Length, about 10 in. Wt., about 1 lb. Price ..... **10c**

## LONG CUTTER MATTOCKS



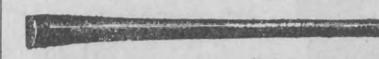
No. 5C1848—Long Cutter Mattocks, 3-inch cutter, 4-inch grub hoe ..... **55c**

## CLAY PICKS



No. 5C1849—Clay Picks; one chisel and one diamond point. Weight, about 6 lbs. Price ..... **55c**

## HICKORY PICK HANDLES



No. 5C1850—Good quality Hickory Pick Handles, for mattocks and picks. Weight about 2½ lbs. Price, each ..... **30c**

## STEEL CROWBARS



No. 5C1851—Wedge Point or Pinch Point. Either style same price. Weight, 16 lbs. Price ..... **85c**  
Weight, 18 lbs. Price ..... **95c**  
Weight, 20 lbs. Price ..... **\$1.10**

# WAGON WOODS, Ironed and Unironed

## FOUR AND FIVE-HORSE ADJUSTABLE PLOW HITCHES



FOR 4-HORSE

\$6.25

FOR 5-HORSE

\$9.25

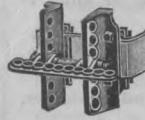
No. 5C2309—Made to work four horses abreast on 12 to 18-inch gang, sulky or disc plows, with three horses on unplowed ground and one horse in furrow. Coupled very short and free from side draft. Has adjusting bolt, by turning which either team can be given the advantage. Made of seasoned straight grain white oak. Nicely finished and varnished. Shipping weight, about 63 lbs. Price \$6.25

No. 5C2310—Five-Horse, constructed on the same principle as four-horse evener listed above, except that it works four horses on unplowed ground and one horse in furrow. Free from side draft. Strongly built. Nicely finished and varnished. Shipping weight, about 93 lbs. Price \$9.25

### FRAME HITCH ATTACHMENT

No. 5C2323—Four and Five-horse Eveners are fitted for beam attachment, but we can furnish an extra clevis attachment for use on frame hitch plows. Shipping weight, about 9 lbs. Price \$1.75

No. 5C2323—Binder attachment, to be used in attaching above eveners to binder. Shipping weight, about 12 lbs. Price \$1.50



### FOUR HORSE HITCH



No. 5C2804—This Four-Horse Hitch is strong and durable. Can be used on any implement requiring a four-horse hitch. Main Eveners, 2x6x6 feet. Doubletrees, 1 1/4 x 3 1/2 x 40. Whiffletrees, 2 1/2 x 28. Weight, 52 lbs. Painted red, striped black and nicely varnished. Price, each, complete \$3.50

This 36-in. Strap End Selected, Seasoned Hickory Single tree.

### ANOTHER



### BIG VALUE

Diameter, 2 1/2 inch, with full size steel hooks, straps, rings and clips.

65c

No. 5C2300—Shipping weight, about 6 lbs. Price now, only

### OAK WAGON TONGUES



No. 5C2400—Good quality, selected seasoned timber. Size, about, inches. Shipping weight, about, lbs. Price, each

3x3 3 1/2 x 3 1/2 4x4  
25 30 45  
\$1.85 \$2.15 \$2.40

### Finished Oak Reaches

Each Reach made from a piece of Selected Timber, planed and bored ready for use. All full size, heavy stock.

No. 5C2401—Finished Oak Reaches. Size, Length Ship. Wt. Price  
Inches Feet about, Lbs. Each  
1 1/2 x 3 3/4 8 22 \$0.95  
1 1/2 x 3 3/4 10 28 1.00  
2 1/4 x 4 1/4 12 40 1.35

### Oak Wagon Bolsters

Heavy, well seasoned, well finished Oak, rounded and finished ready for use.

No. 5C2403—Front Bolster. Length, 48 inches. Size, inches 3x4 3 1/4 x 4 1/4 3 1/2 x 4 1/4 Ship. wt. about, lbs. 15 17 20 Price, each 80c 90c 95c

No. 5C2404—Hind Bolster. Narrow. Length, 48 inches.

Size, inches 3x4 3 1/4 x 4 1/4 3x6 Ship. wt. about, lbs. 17 19 23 Price, each 90c 1.00 \$1.05

### Finished Hickory Wagon Axles

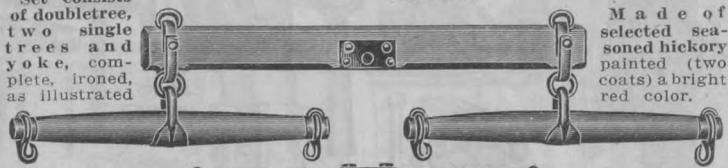
Made from straight grain selected stock, air dried, tough and heavy.

No. 5C2413—Hickory Wagon Axles. Length, about 5 feet 1 inch.

Size, inches 2 1/2 3 3 1/4 3 1/2 Ship. wt. abt. lbs. 17 21 26 31 Price, each \$1.65 \$1.75 \$2.20 \$2.45

## STANDARD PAINTED WAGON SET AT MONEY SAVING PRICES

Set consists of doubletree, two single trees and yoke, complete, ironed, as illustrated



Made of selected seasoned hickory painted (two coats) a bright red color.



Doubletree, 2x4 x48 ins. Single-trees, 2 1/2 x 36 ins. Neckyoke, 2 1/2 x 40 ins. Set, complete.

Ship. wt. about all full size, full 40 lbs. Price \$3.25 strength and well put on.



A first class farm outfit, suitable for heavy plowing, grading, harrowing and other farm work. All selected hickory stock. Flat Doubletrees, 1 1/4 x 3 1/2 x 42 inches long. Singletrees, 2 1/2 x 30. Weight per set, 18 lbs.

No. 5C2302—Per set, usual \$1.75 value.

### BIG VALUE—IRONED HICKORY DOUBLETREE PLOW SET

### IRONED HICKORY PLOW SINGLETREE



35c

No. 5C2307—Full size with steel centre clips, with rings and steel back pull ferrules and hooks. Finished in varnish. 2 1/2 x 30 in. Special Price

No. 5C2304—Clear, tough stock, full size, malleable screw pin clevises, wrought iron centre plate, 2x4 1/2 x48 ins. Wt. 13 lbs. Price

No. 5C2308—Wagon Single Tree, ironed like above. 2 1/2 x 36 ins. Price

No. 5C2306—Selected seasoned hickory stock, full size, strongly ironed with heavy iron rings and ferrules; finished in varnish. Length, 42 ins. Price

YOU WILL SAVE A GREAT DEAL OF MONEY BY BUYING YOUR WHIFFLETREES, EVENERS, WAGONS ON WOODS, ETC., FROM US. QUALITY GOODS AT RIGHT PRICES.

No. 5C2409—Extra Heavy Ironed Neckyoke, 3x48 ins. Price

No. 5C2305—Hickory Wagon Doubletree Woods



### IRONED WAGON BOLSTERS

No. 5C2407—38-inch Front Bolsters. Size, inches 3 3 1/4 3 1/2  
Ship. wt. abt. lbs. 25 30 30  
Price \$3.80 \$3.85 \$4.20

No. 5C2408—38-inch Hind Bolsters. Size, inches 3 3 1/4 3 1/2  
Ship. wt. abt. lbs. 25 30 30  
Price \$3.50 \$3.65 \$4.00

### HICKORY WAGON EVENER AND DOUBLETREE WOODS

Selected Seasoned Stock, full size, good weight, and better than the same money will buy elsewhere.—No. 5C2431—A grade, extra quality stock 2 Horse Evener; size, 2x4 1/2 x 48 inches. Price, each

3 Horse Evener; size, 2x5 x 60 inches. Weight, 20 lbs. Price, each

4-Horse Evener; size, 2x6 x 72 inches. Weight, 28 lbs. Price, each

5 Horse Evener; size, 2 1/2 x 6 x 84 inches. Weight, 40 lbs. Price, each

No. 5C2417—Second Growth Hickory. Each Per Doz.  
2 1/2 x 36 4 20c \$2.25  
2 1/2 x 36 4 23c 2.60  
2 1/2 x 36 5 26c 3.00

### oval hickory wagon singletrees

Good Heavy Stock, Selected and Seasoned; the kind you can put on and depend on their lasting as long as the vehicle.

No. 5C2418—End Iron 1 1/2 in. ferrule, 3/8 in. Hook. Price, each 15c

No. 5C2300—Centre Irons for Singletrees, 2 to 3 in. diam.; ring 9/16 inch. Price 13c



### SINGLETREE IRONS

No. 5C2318—End Iron 1 1/2 in. ferrule, 3/8 in. Hook. Price, each 15c

No. 5C2320—Centre Irons for Singletrees, 2 to 3 in. diam.; ring 9/16 inch. Price 12c

No. 5C2419—Turned Hickory Neckyokes. Price each Price doz.

2 1/2 x 38 2 1/2 x 40 2 1/2 x 42

Ship. wt. abt. lbs. 4 5 6

Price, each 30c 35c 40c

Per dozen \$3.00 \$3.75 \$4.25

### TURNED HICKORY NECKYOKES

Made of Selected Heavy Timber. Well seasoned and finished better than the neckyoke usually offered.

No. 5C2419—Turned Hickory Neckyokes. Price each Price doz.

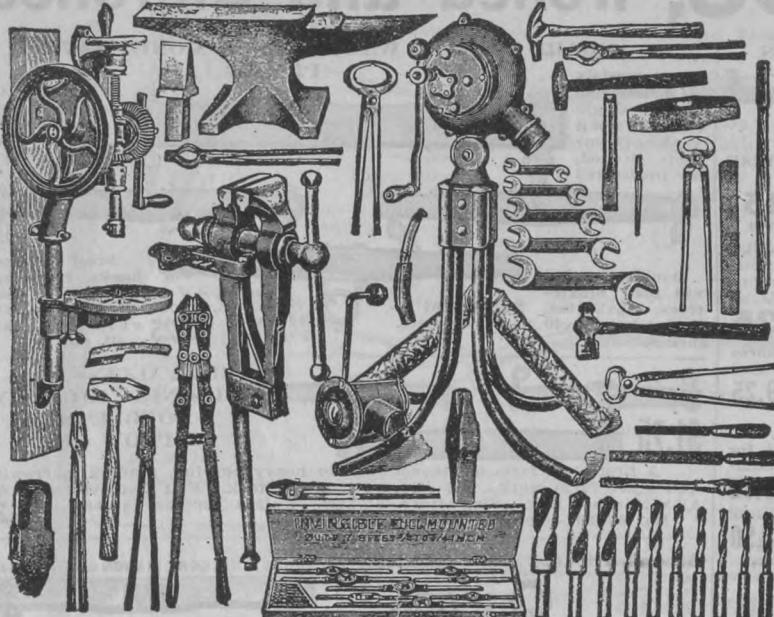
2 1/2 x 38 2 1/2 x 40 2 1/2 x 42

Ship. wt. abt. lbs. 4 5 6

Price, each 30c 35c 40c

Per dozen \$3.00 \$3.75 \$4.25

## EMPIRE BLACKSMITHS OUTFIT



All the above are the very best quality, each tool guaranteed perfect and will be replaced if defective. No better tools can be made. **\$92.50**

## TIGER BLOWER

No better blower made at anything like our price. Strong, steady blast. Has flat, straight cut gears, steel shafts and composition bearings. Gear case is oil-tight and dust-proof, permitting gears to run in continuous bath of oil. Blower case can be raised or lowered. Crank turns forward or backward.

## Dimensions

Height, 43 in.; fan case, 11 1/4 ins. in diam.; fan, 8 1/2-in. in diameter. Wt., crated, abt. 115 lbs.

No. 5C173—Price, complete with piping and heavy anti-clinker tuyere, as illustrated



SAVE  
\$5.  
HERE  
Price  
Re-  
duced  
to

**15.00**

No. 5C173—Price, complete with piping and heavy anti-clinker tuyere, as illustrated

**\$15.00**

## PREMIER COMBINATION FORGE AND BLOWER

Capacity to heat 3-inch iron. Size of hearth, 35 1/2x24 1/2 inches. Equipped with duck nest fire pot and anti-clinker tuyere. Has 9-in. blower. Blower is powerful and easy to operate. A forge that will require but little attention and will give you years of satisfactory service.

No. 5C172—With half hood as illustrated. Shipping weight, about 180 lbs. Price

**\$20.00**



## RELIANCE FORGE

This Forge is suitable for farms and repair work where the work is light and is a very popular low priced forge. Has an 18-inch hearth and an 8-inch blower, with hand lever. Height from top of hearth to floor is 30 inches.

No. 5C178—Reliance Forge. Shipping weight about 90 lbs. Price with half hood, as illustrated

**\$7.00**



## Our Remarkable Post Drill Offer

Far superior to Drills selling at a much higher price. DON'T WAIT. BUY NOW!



**\$10.00**

grade drill, boring up to 1 1/4 inch, and to centre of 12-in. circle, with up and down run of 3 inches. Shipping weight, about 90 lbs. Price

**\$7.25**

5C202—Same Drill as 5C203, with tight and loose pulleys for power. Sale price

**\$13.25**

## A BIG BARGAIN

With Hood, as  
illustrated.

Will quickly  
pay for itself on  
any farm in a  
short time. Why  
not save time  
and money by  
doing your own  
repairing?

Shipping weight  
about 105 lbs.

No. 5C177—  
Price now

**\$8.50**

Note specifications: 22-in. fire pan, 30 inches high; 8 1/2-in. fan case. Highest quality workmanship.



**\$8.50**

5C203—A high

grade drill, boring up to 1 1/4 inch, and to centre of 12-in. circle, with up and down run of 3 inches. Shipping weight, about 90 lbs. Price

**\$7.25**

5C202—Same Drill as 5C203, with tight and loose

pulleys for power. Sale price

**\$13.25**

Let Us Save You  
50 Per Cent  
on Black-  
smiths'  
Solid Box Vises

These are the best Vises made, regardless of price. Extra heavy steel jaws, tempered hard and tough. Screws have strong, accurately cut threads, with two loose collars to prevent binding.

## No. 5C215.

Wt., lbs.	Price
35	\$6.25
45	7.25
50	8.00
60	9.25
70	11.00
100	18.50
125	22.75

**\$6.25**

Our  
Special  
Price



## ACME WROUGHT ANVILS

Superior in design, material and finish to any other Wrought Anvils on the market.



No. 5C219—85 lbs. \$13.75  
100 lbs. \$15.00 150 lbs. \$22.00  
125 lbs. 18.00 200 lbs. 29.30

No. 5C220—Our Farmer's Guaranteed Wrought Anvil, with tool steel face and horn, properly shaped and tempered. Specially priced for this great sale.

Wt., about, lbs. 50 70 80 100  
Price \$4.00 \$6.00 \$8.00 \$10.00

THIS \$7.00 COMBINATION DRILL OUTFIT,  
SALE PRICE, ONLY \$4.00.

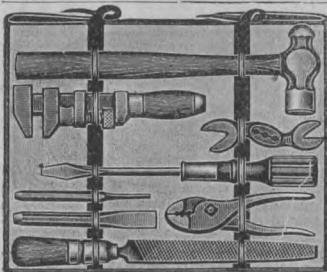
## No. 5C217—

The most practical combination ever offered at this price. Instantly converted from vise to drill. Extra strong and durable, and for ordinary work will answer the purpose of half a dozen high priced tools. Vise jaws faced with tool steel. Top of anvil is case hardened and polished. Takes 1/2-inch round shank drills. Price does not include drills.

Shipping weight about 52 lbs. Price

**\$4.00**

## TOOLS YOU NEED EVERY DAY ON THE FARM

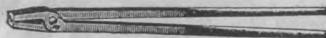


## Handy Field Outfit

Complete in Canvas Roll

No. 5C381—9-Piece Tool Kit. A regular \$5.00 outfit of high-grade necessary tools, every one guaranteed to give entire satisfaction. Weight, about 5 lbs. Set contains: 1 Ball Pein Hammer, 1 1/4-lbs.; 1 Screw-driver, 6 in.; 1 pair Pliers, 6-in.; 1 Wrench, 8-in.; 1 Plow File, 12-in.; 1 Cold Chisel, 1/2-in.; 1 Drift Punch; 1 File Handle; 1 Alligator Wrench and Thread Cleaner. Price, complete, with roll \$3.00

## BLACKSMITHS' STRAIGHT LIP TONGS



Drop forged of best quality steel. Have grooves in centre for holding round, square or octagon bars.

No. 5C392—20 inches long. Weight, about 3 lbs. Price 50c

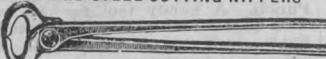
No. 5C393—22 inches long. Weight, about 4 lbs. Price 55c

## DROP FORGED STEEL BOLT TONGS



No. 5C394—24 ins. long. Price 60c

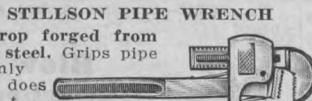
## TEMPERED STEEL CUTTING NIPPERS



No. 5C395—For cutting hoofs, nails, etc. Best Nipper made for the price. Length, 14 inches. Weight, about 2 lbs. Price 80c



No. 5C399—This celebrated Knife, with iron handle. Weight about 6 ounces. Price 50c



Drop forged from bar steel. Grips pipe firmly but does not crush it. Releases its hold readily. Movable jaws and nut are made with round top and bottom thread. Guaranteed not to strip or burn. Parts can be renewed at small expense.

No. 5C139—  
Length Takes pipe Shpg. wt.,  
open in., inches about lbs. Price  
6 1/8 to 1/2 3/8 95c  
8 1/8 to 3/4 5/8 95c  
10 1/8 to 1 1 1/2 \$1.10  
Length Takes pipe Shpg. wt.,  
open in., inches about lbs. Price  
14 1/4 to 1 1/2 2 1/2 \$1.50  
18 1/4 to 2 4 1/4 1.95  
24 1/4 to 2 1/2 8 2.90  
36 1/4 to 4 20 6.50

## STEEL MONKEY WRENCHES



No. 5C376  
Size, about, in 6 8 10 12 15  
Jaws, open  
about, ins. 1 1 1/8 1 1/4 2 2 1/2  
Wt., about, lbs 3/4 1 1/4 1 1/4 2 1/2 4  
Price 20c 25c 30c 40c 65c

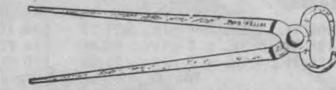
## COMBINATION PLIERS



A tool you cannot do without. Forged steel, properly tempered. Will hold pipe bolts and nuts up to 3/4 in. Six inches long.

No. 5C138—Black. Price 25c

No. 5C166—Nickel. Price 35c



No. 5C396—Best steel full polished. Nothing better.

Length, inches 12 14  
Weight, lbs., about 2 2 1/2  
Price, each \$1.70 \$1.85

## HELLER BROS.' HORSE RASPS



No. 5C397—Best clay crucible steel, accurately cut and properly tempered.

Length, inches 12 14 16  
Wt., about lbs. 1 1/4 2 2 1/2  
Price each 40c 55c 65c

## HORSESHOERS' EXTRA QUALITY DRIVING HAMMERS



No. 5C398—An extra quality crucible steel Hammer.

Weight, abt., oz. 13 16  
Price, each 60c 75c

## BLACKSMITHS' HAND HAMMERS



No. 5C391—Best cast steel, polished, with handles. Handles not included in weight. State weight.

Weight, about, lbs. 2 2 1/2 3  
Price, each 75c 85c 95c

## MACHINISTS' BALL PEIN HAMMERS



Weight, abt. oz. lbs. lbs. lbs.  
50c 55c 60c 65c 70c 75c



## CHAIN DRILLING ATTACHMENT

No. 5C584—

To be used with plain or ratchet braces. Enables heavy drilling in iron or steel to be done with ease.

Price, each \$1.90

general purpose file.

Size, inches 6 8 10 12 14  
Price, each 12c 14c 18c 25c 35c

## FIRST QUALITY FLAT BASTARD or PLOW FILE



No. 5C388—First Quality Flat Bastard File.

Size, inches 10 12 14  
Price, each 25c 32c 42c

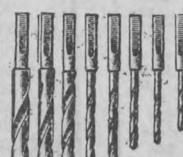
The Kind That Cuts

The Kind to Buy.

No. 5C389—Mill Bastard Files. A good quality

general purpose file.

Size, inches 6 8 10 12 14  
Price, each 12c 14c 18c 25c 35c



## Prices on Single Bits

1/2-inch Round Shank. Fit any standard make of Blacksmith's drill. Canvas roll is furnished free with order for six or eight bits.

Size 1/8 5/32 3/16 7/32 1/4 9/32 15/32 11/32 13/32

Price, each 45c 48c 50c 55c 60c 65c 65c 75c 75c

Size 15/32 1/2 17/32 15/32 19/32 5/8 21/32 11/16 23/32

Price, each 80c 80c 85c 90c 90c 95c \$1.05 \$1.10 \$1.15 \$1.20

Size 25/32 1 1/8 27/32 7/8 29/32 1 1/8 31/32 1

Price, each \$1.25 \$1.30 \$1.35 \$1.40 \$1.45 \$1.50 \$1.60 \$1.70 \$1.75

Size, inches 1/8 3/16 1/4  
Price, each 13c 18c 25c

Size, inches 5/16 5/8 7/16 1/2  
Price, each 35c 45c 55c 65c

Size, inches 1/8 3/16 1/4  
Price, each 13c 18c 25c

Size, inches 5/16 5/8 7/16 1/2  
Price, each 35c 45c 55c 65c

Size, inches 1/8 3/16 1/4  
Price, each 13c 18c 25c

Size, inches 5/16 5/8 7/16 1/2  
Price, each 35c 45c 55c 65c

Size, inches 1/8 3/16 1/4  
Price, each 13c 18c 25c

Size, inches 5/16 5/8 7/16 1/2  
Price, each 35c 45c 55c 65c

Size, inches 1/8 3/16 1/4  
Price, each 13c 18c 25c

Size, inches 5/16 5/8 7/16 1/2  
Price, each 35c 45c 55c 65c

Size, inches 1/8 3/16 1/4  
Price, each 13c 18c 25c

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Price, each 35c 45c 55c 65c

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Price, each 13c 18c 25c

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Price, each 13c 18c 25c

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Size, inches 5/16 5/8 7/16 1/2  
Price, each 35c 45c 55c 65c

Size, inches 1/8 3/16 1/4  
Price, each 13c 18c 25c</p





FROM  
\$1.65  
TO  
\$2.50  
PER ROLL

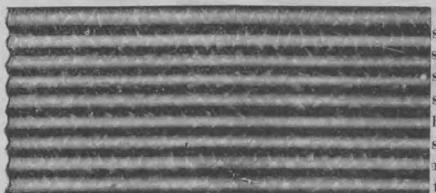
**"MATCHLESS"**  
SMOOTH SURFACE

Every ingredient, that enters into the manufacture of Matchless Roofing, is the best we can produce. Strong, tough roofing felt and tested grade of asphalt only are used. Then, not being satisfied with using the most dependable grades of materials, we analyze every ingredient thoroughly before we use it, so that we feel satisfied that everything going into the makeup of this roofing is positively weather resisting and durable. These precautions result in Matchless Roofing being a most reliable and durable, smooth surfaced roofing.

Each roll is packed complete with large head galvanized roofing nails, and the necessary liquid cement for cementing the laps, and full directions how to apply. Roll contains 108 square feet. Width of roofing, 2 inches.

Catalog No.	Thickness	Weight Pounds	Guaranteed to Wear	Price Per Roll
9C21	1-Ply	40	7 Years	\$1.65
9C22	2-Ply	50	10 Years	2.10
9C23	3-Ply	60	12 Years	2.50

**STEEL ROOFING AND SIDING**



If you are not sure how much steel you require, send us a rough sketch of your building, include sufficient money and we will return balance.

WE FURNISH CORRUGATIONS 2½-inch and 5/8-inch deep.—TWO WIDTHS.

When ordering specify lengths of sheets wanted; also allow for side and end laps. Corrugated sheets are furnished in sheets which actually measure 27½ inches wide, but have a covering width of only 24 inches on account of the side lap, with exception of 33-inch sheets, which have a covering width of 30 inches. When ordering, allow from 4 to 6 inches for end laps, depending upon the pitch or slant of the roof. If used for siding, a 3-inch end lay is sufficient.

Catalog No.	Per 4-Ft. Sheet	Per 5-Ft. Sheet	Per 6-Ft. Sheet	Per 8-Ft. Sheet	Per 10-Ft. Sheet
No. 9C45—Galvanized Roofing, 27½-ins. wide, 28-gauge.	\$0.54	\$0.68	\$0.81	\$1.08	\$1.36
No. 9C46—Galvanized Roofing, 33 inches wide, 28 gauge	.65	.81	.97	1.30	1.63
No. 9C47—Painted Roofing, 27½ inches wide, 28 gauge	.39	.49	.58	.78	.98

**CORRUGATED RIDGE ROLL**

Galvanized, 18-in. girth, covers 6-in. each side of roof. Price per foot ..... 14c

Painted, 18-in. girth, covers 6 in. each side of roof. Price, per foot ..... 12c

**PAINTERS' WALL BRUSHES**



We recommend this brush for outside wall work for houses, barns, etc. Black Chinese bristles; nickel-plated ferrules. Packed one in a box. No. 14C1—4 inches wide.

Price, each ..... 75c

No. 14C2—4 inches wide. Price, each ..... \$1.00

**CORRUGATED GALVANIZED HIP CAP**

Price, per foot ..... 12c

**GALVANIZED NAILS AND WASHERS**

1¼ or 1½-in. Nails, Per lb. 10c

Lead Washers, per lb. ... 20c

**ROCK FACE BRICK SIDING**

Weight per square Price

Painted ... 50 lbs. \$3.90

Galvanized ... 60 lbs. 5.50

**SHINGLE STAIN**

A Combined Wood Preserver and Shingle Stain

Shingles treated with this Creosote Stain will neither warp nor rot, as the stain penetrates into the wood and remains there. One gallon of this Creosote Stain will cover 100 square feet of shingles, two coats.

Moss Green, Black or Bun-

galow Brown.

Price, each ..... \$1.00

1 gal. \$1.45. 5 gals. \$6.85

**Sensational Prices  
ON  
ROOFING**

CONSIDERING QUALITY OUR PRICES ARE BY FAR THE BEST BEING OFFERED IN CANADA TO-DAY. Every roll is made of first quality material and carries our liberal guarantee. If you are requiring any roofing it will pay you to buy direct from us. At our prices for roofing you can not afford to place your order elsewhere.

FROM  
1.50  
TO  
\$2.25  
PER ROLL

**"FLINT SURFACE"**

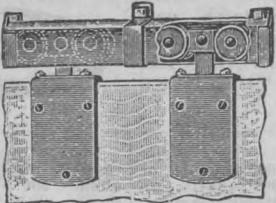
HEAVIER THAN ANY OTHER FLINT SURFACED ASPHALT ROOFING

Our Flint Surface Asphalt Roofing is heavily surfaced with clean flint sand, adding much to its fire resisting qualities. Being sanded on the top side makes it especially fire resisting, because flying embers or coals are not likely to set it on fire. Flint Surfaced Asphalt Roofing is 32 inches wide, and is put up in rolls containing 108 square feet, covering surface 100 square feet, 8 feet being allowed for 2-inch laps. It is guaranteed to be made from a long fiber roofing felt, saturated with the highest grade asphalt and double coated with highest grade pure mineral asphalt. It is absolutely free from animal oil and tar, and is guaranteed not to melt or run in summer, or crack or break in winter. A fire resisting roofing, suitable for any roof with a pitch of 1½ in. or more per running foot.—Please compare the thickness, weight, strength and quality of materials used in our Flint Surfaced Asphalt Roofing with other makes of flint coated roofing and the result will be that you will order from us. Complete, with large headed galvanized nails, cement and directions for applying.

Catalog No.	Thickness	Weight Pounds	Guaranteed to Wear	Price Per Roll
9C30	1-Ply	42	7 Years	\$1.50
9C31	2-Ply	52	9 Years	1.85
9C32	3-Ply	65	12 Years	2.25

**\$4.25**

**"SLIDE EZE" Barn Door Hangers**



weather-proof, bird-proof, and cannot jump the track. Price per set, complete for 8-foot doors

**\$4.25**

**Heavy "WESTERN" Barn Door Hangers and Track**



Serviceable and Easily Applied

No. 5C801—Price per complete set of hangers and 6 ft. of track for 3 ft. door ..... \$1.00

No. 5C801—Price per complete set of hangers and 8 ft. of track for 4 ft. door ..... \$1.10

No. 5C803—Price for complete set of hangers and 16 ft. of track for 8 ft. door ..... \$1.60

No. 5C803—Price for complete set of hangers and 16 ft. of track for 8 ft. door ..... \$1.60

**READY MIXED HOUSE PAINT**

Made entirely of pure ingredients, pure white lead, zinc, linseed oil, and pure turpentine japan drier, and mixed in just the correct proportions to make long life paint for our extreme western climate.

In figuring quantity required for two coat work allow one gallon to 300 to 350 square feet according to the nature and condition of the surface.

Put up in the following colors:—Outside White, Inside White, Cream, Buff, Leather Brown, Medium or Pea Green, Indian Red, Light Gray, Medium Gray, Slate, Light Blue, No. 81, Emerald or Blind Green; No. 82, Myrtle or Deep Green. All shades except

Nos. 81 and 82 Qts. ½ gal. 1 gal. 5 gals.

Price each, imperial measure ..... 70c \$1.40 \$2.65 \$12.50

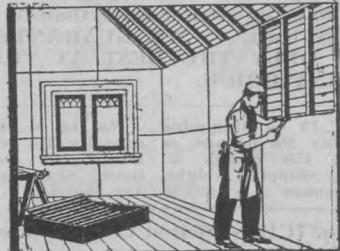
Nos. 81 and 82 90c 1.65 3.10 15.00

Paint ..... 1 gal. 5 gals. 10 gals.

Price each (imperial measure) ..... \$1.40 \$6.65 \$12.65



**Peerless Wall Board**



(Samples sent free on request)

No. 9C48—Peerless Wall Board is a heavy, fibrous, moisture-proof board, in sheets of various lengths, that takes the place of lath and plaster. It may be painted, cal-somined or wall papered with perfect success. It is the most practical wall lining made for new buildings or remodelling.

Size Sheet	Sq. ft. per Sheet	Price per Sheet
48 in. x 5 ft.	20	\$0.65
48 in. x 6 ft.	24	.70
48 in. x 7 ft.	28	.85
48 in. x 8 ft.	32	.95
48 in. x 9 ft.	36	1.05
48 in. x 10 ft.	40	1.20

**Barn Paint**

"Indian Head" Barn Paint is made in one color only, "Western Red." We have specialized on this one grade and color of barn paint and can highly recommend it to you for your barns, granaries, roofs, fences and for any use where a good weather proof paint is required. Absolutely guaranteed.

For two coat work figure from 300 to 350 square feet to the gallon.

"Western Red" Barn

Paint ..... 1 gal. 5 gals. 10 gals.

Price each (imperial measure) ..... \$1.40 \$6.65 \$12.65

Paint ..... 1 gal. 5 gals. 10 gals.

Price each (imperial measure) ..... \$1.40 \$6.65 \$12.65

# JUDSON SANITARY CREAM SEPARATORS

## Take Every Drop of Cream from the Milk

THE JUDSON CREAM SEPARATOR is the Separator you want to get the greatest results from your dairy in the easiest way. Without a single salesman or solicitor in the last twelve years there have been over 400,000 of these Separators placed in the hands of ordinary users in competition with all the big selling machines operated by trained agents. That proves that this Separator must be right. We want to put a JUDSON in the hands of every cow owner in Canada for a trial at our risk. **IN YOUR OWN INTEREST READ THIS:**

JUDSON SEPARATORS in all these years have proven their superiority in every dairy community, under all conditions, and against any competition, and still do so. The wonderful skimming qualities of the first JUDSON machines amazed and staggered other manufacturers, and that superiority has been retained to this day. In every detail of frame, gearing, bowl and tinware we have perfected our machine to such an extent that a disinterested mechanic cannot point to a single feature of any other separator and honestly say that it is better than any feature of the JUDSON machine.

**GUARANTEE**—We issue a strong, written and signed guarantee to each buyer, by which he is insured against loss through any defect in material or workmanship.

**REPAIRS**—An important feature about this machine is that the repairs are supplied to you when you require them at nominal prices, and always supplied promptly.

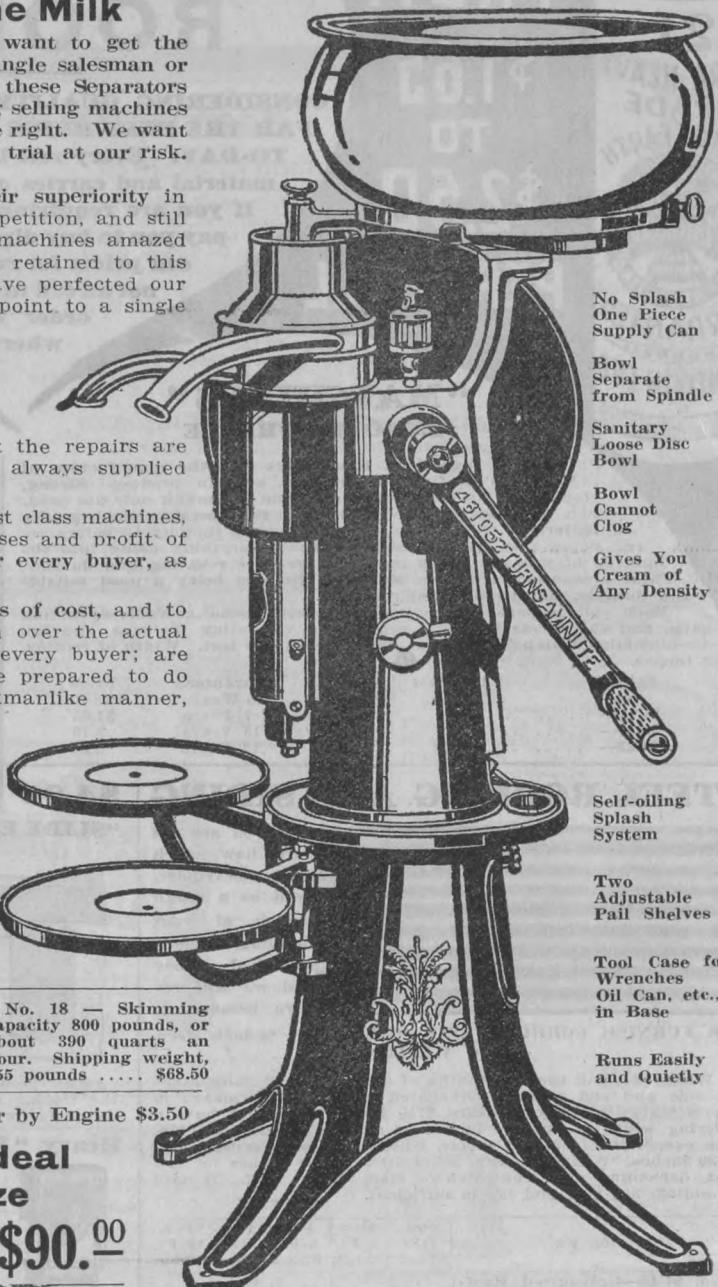
**PRICE**—Our Separators cost just as much to build as other first class machines, and we do not sell them at a loss, but by avoiding all the expenses and profit of branch stores, salesmen and agents we can make a big saving for every buyer, as a comparison of our prices with others will prove.

**OUR POLICY**—We aim to have the best Separator, regardless of cost, and to supply our customers at prices which are the lowest safe margin over the actual shop cost. We take a personal interest in every machine and every buyer; are always glad to supply any needed information or advice, and are prepared to do repair and overhauling, if ever necessary, promptly and in a workmanlike manner, at the lowest possible prices. If you require fuller information regarding this machine we will be glad to send you

### SPECIAL CREAM SEPARATOR CATALOG ON REQUEST

No matter what Separator you may favor or may be induced to try, we ask you to test the JUDSON alongside of it. If this Separator does not clearly prove that it is the better in every way, and thereby win a place in your dairy, you can do us no greater favor than to return it and let us send your money back. **WE GUARANTEE THE JUDSON TO BE NOT ONLY THE BEST AT THE PRICE BUT THE BEST AT ANY PRICE.**

No. 12 — Skimming capacity 250 pounds, or about 120 quarts an hour. Shipping weight, 175 pounds ....	\$39.50	No. 14 — Skimming capacity 375 pounds, or about 180 quarts an hour. Shipping weight, 190 pounds ....	\$49.50	No. 16 — Skimming capacity 600 pounds, or about 290 quarts an hour. Shipping weight, 240 pounds ....	\$59.50	No. 18 — Skimming capacity 800 pounds, or about 390 quarts an hour. Shipping weight, 255 pounds ....	\$68.50
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No. 7C19—Friction Clutch Power Pulley to run Cream Separator by Engine \$3.50

## The Big 600 lb. per Hour is the Ideal Separator and Most Popular Size

**OUR PRICE ONLY \$59.50 Agents Price \$90.00 Would be ...**

### Ideal Ball-Bearing Hand Churn



This illustrates our Ideal Ball Bearing Hand Churn, one of the best and easiest running hand churnd manufactured. Can be operated from a standing or sitting position.

The Ideal Churn has no superior, and is equal to the best churn made. Barrel is made of the best seasoned oak, varnished natural color, hoops painted bronze.

The axles are fastened to the barrel with bolts instead of screws, and run in ball bearing cages in main frame.

The side pedal drive works very easily, and as axles run on ball bearings, it requires but very little effort to work this churn.

No. 11B21—Capacity 10 gals., weight 60 lbs. Price \$7.00

No. 11B22—Capacity 15 gals., weight 65 lbs. Price \$7.50

No. 11B23—Capacity 20 gals., weight 70 lbs. Price \$8.00

No. 11B24—Capacity 25 gals., weight 75 lbs. Price \$9.50

### JUDSON PATENT POWER CHURN

Showing Churn running from slow speed pulley, found only on the Judson "Handy Boy" Engine.



THE BEST POWER CHURN MADE

New and improved Patent Churn. We equip all our Churns with patent pulley in place of the common pulley as used by others. A simple turn of the wrist on the friction lock starts the churn or stops it.

It does the churning far quicker and better than if done by hand. Cover fits tight and will not leak. Fasteners are attached to the outside of the churn and clamp the cover with a compound lever action. Cover has sight glass to show when churning is finished.

This churn can be run from a line shaft, or can be run direct from the engine.

Our prices save you money.

No. 11B32—15-gall. size Power Churn. Wt. about 75 lbs.... \$10.00

No. 11B33—20-gall. size Power Churn. Wt. about 85 lbs.... 10.50

No. 11B34—25-gall. size Power Churn. Wt. about 95 lbs.... 11.50

### "HOLSTEIN" BUTTER REAPER

Makes Butter from Sweet or Ripened Cream in from 3 to 5 minutes.

Every Churn fully covered by our broad guarantee.

No. 11C35—Holds 3 gallons. Churns up to 1 1/2 gallons. Shipping weight, about 21 lbs. Price, each..... \$3.65



### Extra Heavy Silver Steel

### R. R. Milk Cans

Tinned and Retinned Guaranteed.

Av. wt., lbs. 12 21 23  
Capacity, gals. 5 8 10  
Price, each \$4.00 \$4.75 \$5.25



# "Premier" Quality Bicycles

**\$32.50**

COMPLETE

EQUIPPED WITH  
COASTER BRAKE

Crank—One piece, drop forged, 7 inches long, round faced.

Chain—Best roller, 3/16 inch width, 1 inch pitch.

Hubs—"Lester" Coaster Brake rear with concave front hub.

Handlebars—Adjustable with extension bar, leather grips.

Saddle—Three-spring, with best leather seat.

Tool Bag—Leather, two wrenches, oil can and tire pump.

Finish—Rich black, five-coat baked enamel finish, with fittings heavily nickel plated.

No. 1917 Bicycle, complete, as illustrated and described, weight, crated, about 50 lbs. Price .....

1917 MODEL

**"PREMIER" BICYCLES**

Are built to give long, faithful service on Western Canadian roads. Frame, wheels and all fittings of highest quality steel and tires are Goodyear make. The "Premier" is a most easy-riding bicycle which is so necessary on a long trip; the 3-spring saddle, extension handlebars, "Lester" Coaster brake, mud guards and mud flap, all add to the comfort of the rider. There is no better bicycle made than the "Premier."

When ordering, specify height of frame, 22-inch for inseam measurement 31 to 34; 24-inch Frame for inseam measurement over 34 inches.

Frame—Best seamless steel tubing, one inch diameter; 22 or 24 inch, as desired.

Front Fork—Three-plate inverted crown, nickel plated sides and top.

Hanger—One-piece drop forged; large ball bearings.

.. Pedals—Combination Rat Trap and rubber.

Wheels—28-inch special one-piece wood rim. Mudguards—Steel, with leather mud flap on front guard.

**\$32.50****PHILADELPHIA PATTERN  
BUTTER WORKER**

Price only \$4.75. Quick and easy



You can work your butter with one of these machines quicker, better and with less labor than by hand. Simply put the butter in the worker and turn crank. Made of clear white wood, easily cleaned; all the iron parts are tinned and cannot rust.—Works a batch of butter in three to five minutes.

Weight,

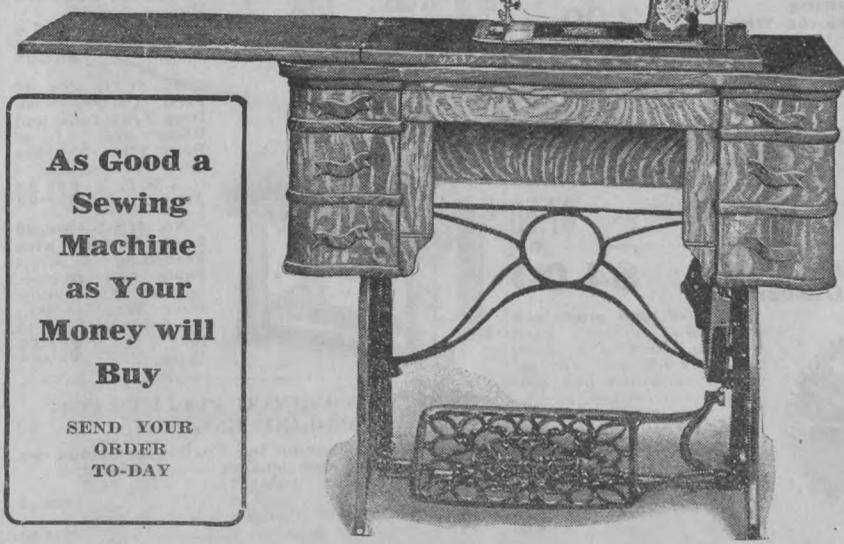
No.	Size	Works About	Price
Ins.	Lbs.	Lbs.	
11C25	17x27	20	38
11C26	20x36	30	50
			\$4.75
			5.00

**BUTTER MOULDS**

1 pound size. Made from selected hard-wood well finished; sides and top securely fastened together. Oblong shape, and makes very smooth print. Wt., 1 1/2 lbs.

No. 11C27 — One-pound size. Each.....17c

**Thousands of These Machines  
in Daily Use.**



As Good a  
Sewing  
Machine  
as Your  
Money will  
Buy

SEND YOUR  
ORDER  
TO-DAY

**WORKING GLOVES****30c**

No. 5C132—Bull Dog Working Glove. Extra good quality of muleskin. Has full inseams and 1 1/4-inch reinforced top band with extra side gore. A good glove for hard work. Color, grey-green.

Price, one pair ..... 30c  
Price, three pairs for ..... 85c  
Sizes 9 to 11. State size wanted.

**65c**

No. 5C103—Dreadnaught Working Gauntlet. Special value in a mule skin gauntlet with solid leather stiff cuff. Excellent material and well made.

Price, one pair ..... 65c  
Price, three pair for ..... 185c  
Sizes 9 to 11. State size wanted.

**CRYSTAL FARM BELLS**

Made of Crystal metal with japanned cast frame. Rings loud and clear.—No western farm should be without one at our price. Complete, with all fittings to attach to post or platform. Weight, about 45 lbs. Price, each ..... \$3.00

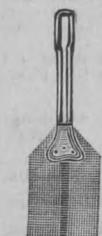
**MRS. POTTS' IRON HANDLE**  
No. 9C1000 — Wood grip, japanned frame, good spring. Fits the regular sad iron perfectly.—Price, each, 11c  
Price for three ..... 30c

**STABLE BROOMS**

No. 9C1400—Heavy wood block, 14 inches long. Best quality Bass fibre, tough and long wearing, bristles will not break or fall out. Price, complete with handle, each ..... \$1.00

**Humpty Dumpty Egg Case**

No. 4C12 — Holds 12 dozen eggs. Ships safely any number of eggs, from one dozen up, folds together when not in use. Cardboard fillers. Shipping weight, about 7 pounds. Price, each ..... 35c

**COFFEE MILL****Fly Swatter**

No. 9C98 — It kills but does not crush the fly. Each....7c

**"BERKLEY" SEWING MACHINES**

TRY ONE IN YOUR HOME FOR THREE MONTHS BEFORE YOU DECIDE TO KEEP IT

The Berkley is the very best sewing machine you can buy. Dealers and agents have been charging \$50.00 to \$65.00 and have sold millions of sewing machines identical in construction with the Berkley. The Berkley Sewing Machine part for part is an exact duplicate of a world-wide sewing machine which for years has been sold only through dealers and agents for \$50.00 to \$65.00. A good sewing machine with ordinary care and for the regular family sewing should last a lifetime. Our Berkley Sewing Machine is manufactured and constructed for this purpose.—Our Instruction Booklet makes all kinds of sewing easy, and means that you have a thorough instructor with you at all times. It also tells how to properly oil and take care of the machine in every way.—The high grade, highly finished quarter sawed oak woodwork of the Berkley shown on this page makes it one of the handsomest sewing machines ever manufactured. The drawers are all enclosed in handsome panelled drawer cases, which are made of specially selected large flaky figured quartered oak. Only the best grade of varnish is used in the finish of this woodwork, which is hand rubbed and highly polished in golden oak color.

Our Price Includes all accessories and an extra set of high-grade Greist attachments.

No. 7C103—Six-Drawer Drop Head Automatic Lift Ball-Bearing Berkley Sewing Machine. Price ..... \$28.50

No. 7C104—Four-Drawer Drop Head Automatic Lift Berkley Sewing Machine. Price ..... \$26.50  
Shipping weight, about 130 pounds.



## **BEFORE SEALING THIS ENVELOPE**

Be sure you have written your name,  
post office and shipping point plainly  
on your order.

Place  
Three Cent  
Stamp  
Here

# **C. S. JUDSON CO., LIMITED**

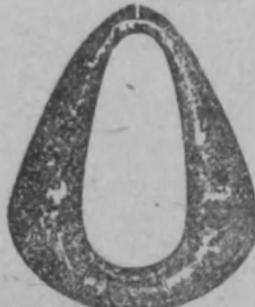
**WINNIPEG,**

**MANITOBA**

## FACTORY TO FARM

**\$3.00**

### A HORSE COLLAR OF QUALITY AND EXCEPTIONAL VALUE



Split leather back, extended russet leather face, long straw throat, sole leather pad. Thong sewn welt, rim and billets.

These collars are well stuffed, moulded, are the correct shape and built for comfort, service and durability. This is the collar you want. Be sure and give size when ordering.

No. EN. 1 Straight Pattern Leather Face \$3.00 each  
No. EN. 2 Half Sweeney " " " \$3.25 each  
No. EN. 3 Straight Pattern Kersey " " \$3.25 each

**\$1.50**

### REAL HALTER VALUE

1½ inch all double and stitched 6 ring pattern. A very strong, full size serviceable halter, made for actual Western Service.



No. E6 Full size for Horses.....\$1.50 each  
No. E9 Same Pattern for Colts.....\$1.25 each

**C. S. JUDSON CO., LIMITED**  
WINNIPEG, MAN.